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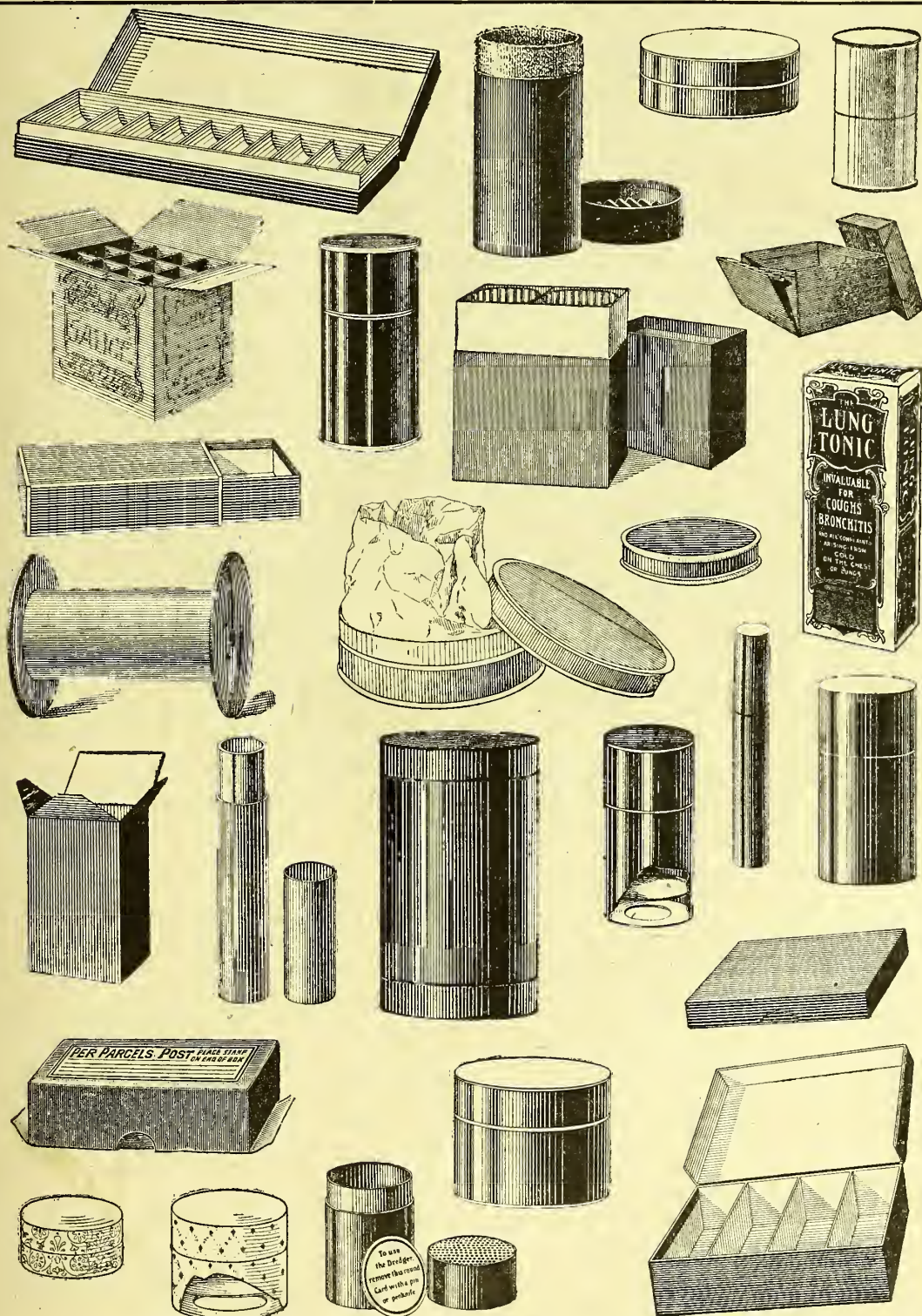
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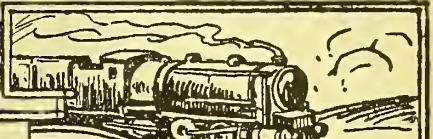
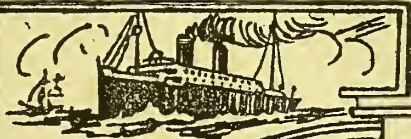
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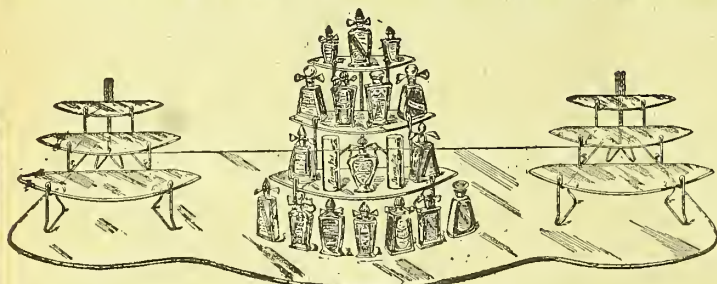
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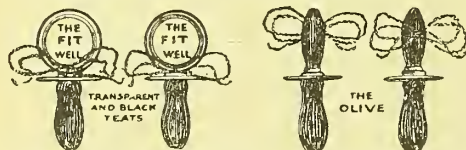
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Maw's

Page.

NUMBER 396
MAY 17, 1919

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The SUBSCRIPTION LIST will open on Saturday, the 17th day of May, 1919, and close on or before Saturday, the 24th day of May, 1919.

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£ 40,000	in	40,000	5 %	Cumulative Preference Shares of £1 each ...	£40,000
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The Preference and "A" Preference Shares rank in priority to the Ordinary Shares both as regards Capital and Dividend.

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The "A" Preference Shares now offered for Subscription will rank both as regards Capital and Dividend immediately after the 5 per cent. Preference Shares and in priority to the Ordinary Shares, but without any further right to participate in Profits or Assets.

The holders of "A" Preference Shares are entitled to a fixed Cumulative Preferential Dividend at the rate of 7½ per cent. per annum on the Capital paid thereon.

The Dividends on the "A" Preference Shares are paid half-yearly, on the 1st day of May and the 1st day of November each year.

The first Dividend on the Preference Shares now offered for Subscription will therefore be payable on the 1st day of November, 1919, and will be calculated on each instalment of Capital paid up thereon from the date of payment of such instalment.

Every Member of the Company is entitled to one vote for every Share held by him or her whether Preference, "A" Preference or Ordinary, and may vote at any Meeting of the Company held after the expiration of one month from his or her registration as a Member, but in the case of Joint Holders of a Share, the Holder whose name stands first in the Register of Members is alone entitled to vote in respect thereof.

DIRECTORS:

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SCHIERWATER & E. D. SYMOND, 5, Harrington Street, Liverpool.

AUDITOR:

JOHN STUBBS, Chartered Accountant, 41, North John St., Liverpool.

SECRETARY AND REGISTERED OFFICE:

W. R. JAMIESON, 34, Hanover Street, Liverpool.

PROSPECTUS.

COMPANY ESTABLISHED.

The business has been established for over half-a-century, being founded in 1868, since which date it has by its progressive policy attained a premier position in the Wholesale Drug and Chemical Trade. It was registered as a Public Company in 1903 with an authorised Capital of £100,000, which has since been increased to £250,000, and is of purely British origin and composition.

BUSINESS.

The Company carries on the business of Wholesale and Export Druggists, Manufacturing and Analytical Chemists and Druggists' Sundriesmen, and caters for the whole of the requirements of Chemists and Druggists, Medical Men, Veterinary Surgeons, Hospitals, etc., and manufactures a large variety of the goods it handles, employing some 800 people. In addition to the Drug and Chemical Section the following products are manufactured by the Company:—Medicinal Tablets, Pills, Cardboard Folding and Wood Boxes, Elastic Hosiery, Surgical Requisites, Scientific Glassware, Medicated Wines, Toilet Preparations and Perfumery, whilst in the model Printery the various artistic labels and other printed matter necessary to the conduct of the business are printed.

EXPORT TRADE.

A considerable Export Trade is carried on. In view of the removal of restrictions a very large increase in the volume of this business may be expected, and the new Capital will largely help to foster this branch of the Company's activities.

PREMISES.

The premises of the Company occupy very valuable sites in the centre of the City, covering an area of over 3,000 square yards, and consist of the handsome well-arranged Offices and commodious Warehouses, Nos. 32, 34, and 36, Hanover Street, and 9 and 11, Campbell Street, and the modern Laboratories and Factories, 30-44, Duke Street, equipped throughout with modern and specially devised machinery for the various requirements of the business. The Hanover Street and Campbell Street premises are Corporation Leaseholds for 75 years from 1st June, 1912, the Duke Street premises, Nos. 30-42, are Corporation Leaseholds for 75 years from 5th January, 1911, No. 44 is Corporation Leasehold for 75 years from 1st day of March, 1911, all at peppercorn rents.

GROWTH OF BUSINESS.

The growth of the Company's business is clearly indicated by the following comparisons of increases in the Annual Turnover for the last six years:—

1913	...	increase	over	1912	...	£25,000
1914	...	increase	over	1913	...	£34,000
1915	...	increase	over	1914	...	£80,000
1916	...	increase	over	1915	...	£174,000
1917	...	increase	over	1916	...	£236,000
1918	...	increase	over	1917	...	£385,000

(The volume of business during the first three months of 1919 exceeds that over the same period of 1918 by £34,000.)

AUDITOR'S CERTIFICATE.

The following is a copy of a Certificate furnished by the Company's Auditor:—

41, North John Street, Liverpool, 24th April, 1919.
To Messrs. Ayrton, Saunders & Co., Ltd.
I hereby certify that the Assets and Liabilities of the Company as set forth in the Balance Sheet of 31st December, 1918, were:—

ASSETS.		£	s.	d.
Leasehold Land and Buildings (subject to Mortgages)...		34,400	6	6
Plant and Machinery, Fittings, Horses and Carts		10,874	12	10
Investment in Allied Company		262	10	0
Stock-in-Trade (certified by Departmental Managers)...		88,151	11	9
Sundry Debtors and Bills Receivable (after provision for Discounts)		92,294	15	5
Cash in hand and at Bankers		11,881	4	9
		237,925	0	3

LIABILITIES.		£	s.	d.
Mortgages		£19,300	0	0
Bankers' Balances and Interest secured by Debentures		25,047	16	8
Creditors (including Bills Payable and provision for Excess Profits Duty)		88,261	2	10
		132,608	19	6
Surplus		£105,316	0	9

Nothing is included in the above figures for the value of the Goodwill and Trade Marks.

The Profits for the year ended 31st December, 1918, before providing for Excess Profits Duty and Reserve Fund transfer, were £24,309 1s. 2d.

JOHN STUBBS, Chartered Accountant.

ALLOTMENTS OF SHARES.

The following Allotments of Shares have been made within the two years immediately preceding the date of the publication of this Prospectus:—

Date of Allotment.	Number of Shares offered for Subscription	Number of Shares Actually Allotted.	Class of Shares Allotted.	Amount Paid on Shares Allotted.
1917	—	3,071	Ordinary	£3,071
1917	—	6,042	Preference	£6,042
1918	—	1,400	Ordinary	£1,400
1918	—	9,605	Preference	£9,605
1919	—	475	Ordinary	£475
1919	—	748	Preference	£748

A brokerage of 3d. per share will be paid in respect of Allotments made on applications bearing Broker's Stamps.

The minimum Subscription on which the Directors may proceed to allotment is 100 Shares.

Copies of the Memorandum and Articles of Association of the Company, and of the above-mentioned Contracts or Indentures, and of the Company's Balance Sheet for the year ending 31st December, 1918, and the Report of the Auditor thereon may be inspected at the Registered Office of the Company at any time during business hours whilst the subscription list is open.

Application for Shares should be made on the form accompanying this Prospectus and sent to the Company's Bankers, the Lancashire

Dated 14th May, 1919.

ASSETS AND DIVIDENDS.

As stated by the Auditor, the Company's Assets exceed Liabilities by £105,000, although nothing has been inserted in respect of the valuable goodwill and trade marks, which if taken at their proper value, would have materially increased the total. It will also be observed that the Profits are sufficient to pay the Dividend on the 5 per cent. Preference Shares and the present issue of 7½ per cent. "A" Preference Shares three times over. The advantages accruing from the additional capital may be expected to produce still more favourable results.

PURPOSE OF ISSUE.

It is proposed to use the additional Capital raised by this Issue to provide for the increasing volume of the Company's business, to redeem the outstanding Debentures amounting to £24,000 issued to the Company's Bankers as a collateral security for the balance of the Company's current account, and for the further development of the Company. The Directors are at present considering the advisability of erecting and equipping a building upon the site adjoining the present Laboratories, which site is the Company's Leasehold Property and particularly suitable for the extension of the present working space and facilities.

CONTRACTS.

The only Contracts entered into by the Company within a period of two years immediately preceding the date of Issue of this Prospectus, except Contracts entered into in the ordinary course of the Company's business, are as follows:—

1. A Debenture dated the 26th day of November, 1917, made between the Company of the one part, and the Lancashire and Yorkshire Bank, Ltd. of the other part.
2. An Indenture dated the 15th day of January, 1918, made between the Company of the one part, and the Lancashire and Yorkshire Bank, Ltd. of the second part, and the Refuge Assurance Co., Ltd., of the third part, increasing rate of interest on Mortgage to 5¼ per cent.
3. An Indenture dated 9th December, 1918, made between the personal representatives of the late Edward Charters of the one part, and the Company of the other part, for the purchase of No. 44, Duke Street.
4. Contract dated the 13th day of January, 1919, relating to sale of Trade Mark, made between the Company of the one part, and the Vinolia Company, Limited of the other part.

and Yorkshire Bank, Ltd., 19, South John Street, Liverpool to the Head Office, Spring Gardens Manchester, or other Branches of the Bank, together with a remittance of the amount of the deposit payable on application.

Where no allotment is made the deposit will be returned in full, and where the number of Shares allotted is less than the number applied for, the balance of the deposit will be applied towards the remaining payments—failure to pay any future instalments on Shares allotted when due will render previous payments liable to forfeiture.

Copies of this Prospectus can be obtained at the Registered Office of the Company, or at the Offices of the Bankers, Brokers, Solicitors, or Auditor.

AYRTON, SAUNDERS & COMPANY LIMITED.**Form of Application for 7½ % Cumulative "A" Preference Shares.**

To the Directors of AYRTON, SAUNDERS & COMPANY LIMITED.
Gentlemen,

Having paid to your Bankers the sum of £..... being a deposit of 2/6 per Share on.....7½ per cent. Cumulative "A" Preference Shares of £1 each in the above-named Company, I/we request you to allot me/us that number of Shares upon the terms of the Prospectus of the Company, dated the 14th day of May, 1919; and upon and subject to the provisions of the Memorandum and Articles of Association of the Company; and I/we hereby agree to accept the same or any smaller number that may be allotted to me/us, and to pay the balance as provided by the said Prospectus, and I/we authorise you to place my/our name on the Register as holder of the Shares allotted to me/us.

I/we hereby declare that this application is not made for the benefit of an enemy subject within the meaning of the trading with the Enemy Amendment Act, 1916.

Name (in full).....

Address.....

Occupation.....
(Ladies will please state whether Married, Widow, or Spinster).

Signature.....

Date.....1919.

ALL CHEQUES TO BE MADE PAYABLE TO THE BANKERS.

An acknowledgment will be forwarded in due course either by Allotment Letter or return of the Deposit.

This form must be sent to the Company's Bankers, the Lancashire & Yorkshire Bank Ltd., 19 South John Street, Liverpool, to the Head Office, Spring Gardens Manchester, or other Branches of the Bank, together with a remittance of the amount of the deposit payable on application.

TWO LINES



Acknowledged as the two best DENTAL CREAMS made.

Order through your Wholesaler.

SOLE MANUFACTURERS AND PROPRIETORS—

THE JACKSON CO.

THAT PAY



2 ST. JOHN ST., **LONDON, E.C. 1**

PAPIER POUDRÉ

AND "POPPŒA" PREPARATIONS.

TRADE

MARKS

**BRITISH MADE
GOODS**



"LEHCARESOR."

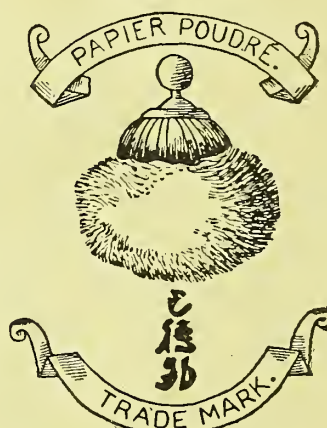
Papier Poudre

Our Sunburn Tint
For Landworkers
and
Seaside Visitors.

Booklets - - - 8d. & 1/4
5/- & 10/- per doz. net.

Beware of Spurious Imitations.

REGISTERED



PAPIER POUDRÉ, LTD.,
26 Baker St., Portman Sq., London, W.
and in Paris.

NOTE OUR TRADE MARKS, AS ABOVE.

NEW PAPIER POUDRÉ PRICES.

In WHITE or RACHEL TINTS, 4d. & 6d. size Booklets @ 2/8 & 3/9 per doz. respectively.

In WHITE, ROSE, or RACHEL TINTS, 8d. & 1/4 size Booklets @ 5/- & 10/- per doz. ,,

SUNBURN TINT, 8d. and 1/4 sizes only, 5/- and 10/- per dozen net.

NEAT 1/4 MIRROR CASES, containing pads of PAPIER POUDRÉ, 10/- per doz. net.

REFILLS to these MIRROR CASES 2/8 ,,

1/4 SHAVING PADS (unscented, white only) 10/- ,,

THE ALL-BRITISH "POPPŒA" PREPARATIONS.

"Poppœa"

NEW PRICES.

ROUGE is most popular. It is put up in most convenient form, and is Nature's Understudy.

IN PADS, 8d. each.
5/- per doz. net.

IN MIRROR CASES, 1/4 each, 10/- per doz. net
Refills, 3/9 per doz. net.

"POPPŒA" MASSOLINE SKIN FOOD, in Jars, 1/2, 2/6 & 3/6 each; 9/6, 24/- & 28/- doz. net respectively

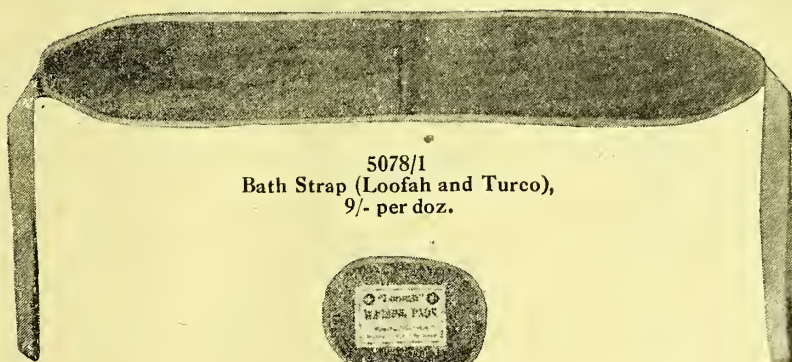
"POPPŒA" CIRCASSIAN CREAM ,, 1/2, 2/6 & 3/6 ,, 9/6, 24/- & 28/- ,,

"POPPŒA" CRÈME POUDRÉ, in Bottles, 1/2 & 3/6 each; 9/6 & 28/- doz. net respectively.

PAPIER POUDRÉ, Ltd., 20 BAKER STREET, PORTMAN SQUARE, LONDON, W.1.



Seasonable Goods



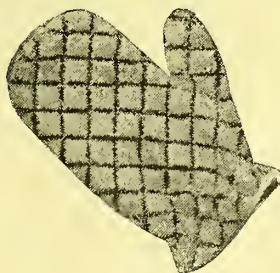
5078/1
Bath Strap (Loofah and Turco),
9/- per doz.



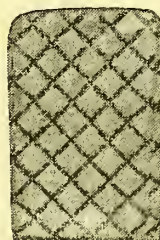
5958B
Loofah Washing Pad,
3/6 per doz.



5955/3
Sponge Glove
(Loofah and Turco),
9/9 per doz. pairs.



5948
Sponge Glove
(Turco),
27/6 per doz. pairs.



5956/5
Sponge Glove
(Turco),
10/- per doz. pairs.

CUXSON, GERRARD & CO., LTD.,
OLDBURY, NEAR BIRMINGHAM

Export and Colonial Inquiries specially invited.

Amami Shampoo of Henna



This Display Box of 3 dozen Powders
is part of the BONUS on £5 Orders.
GET IT ON YOUR COUNTER.

WHOLESALE PRICES.

Boxes of 7 Powders 16/- doz.
Loose 27/- gross

RETAIL PRICES.

Boxes of 7 Powders 2/-
Separate Powders 4d.

Orders of £5 value, Carriage Paid, Cases Free, with

Bonus of { 3 boxes of 7 Pdrs. @ 16/- doz. 4/0 } 10/9
 { 3 doz. Counter Display Box @ 27/- gr. 6/9 }

The £5 Order may be any assortment of Amami
Toilet Luxuries. Send for Price List to

**THE PRICHARD & CONSTANCE
MANUFACTURING CO., LTD.**

469 Holloway Road, N. 7.

Phone 3170 North.

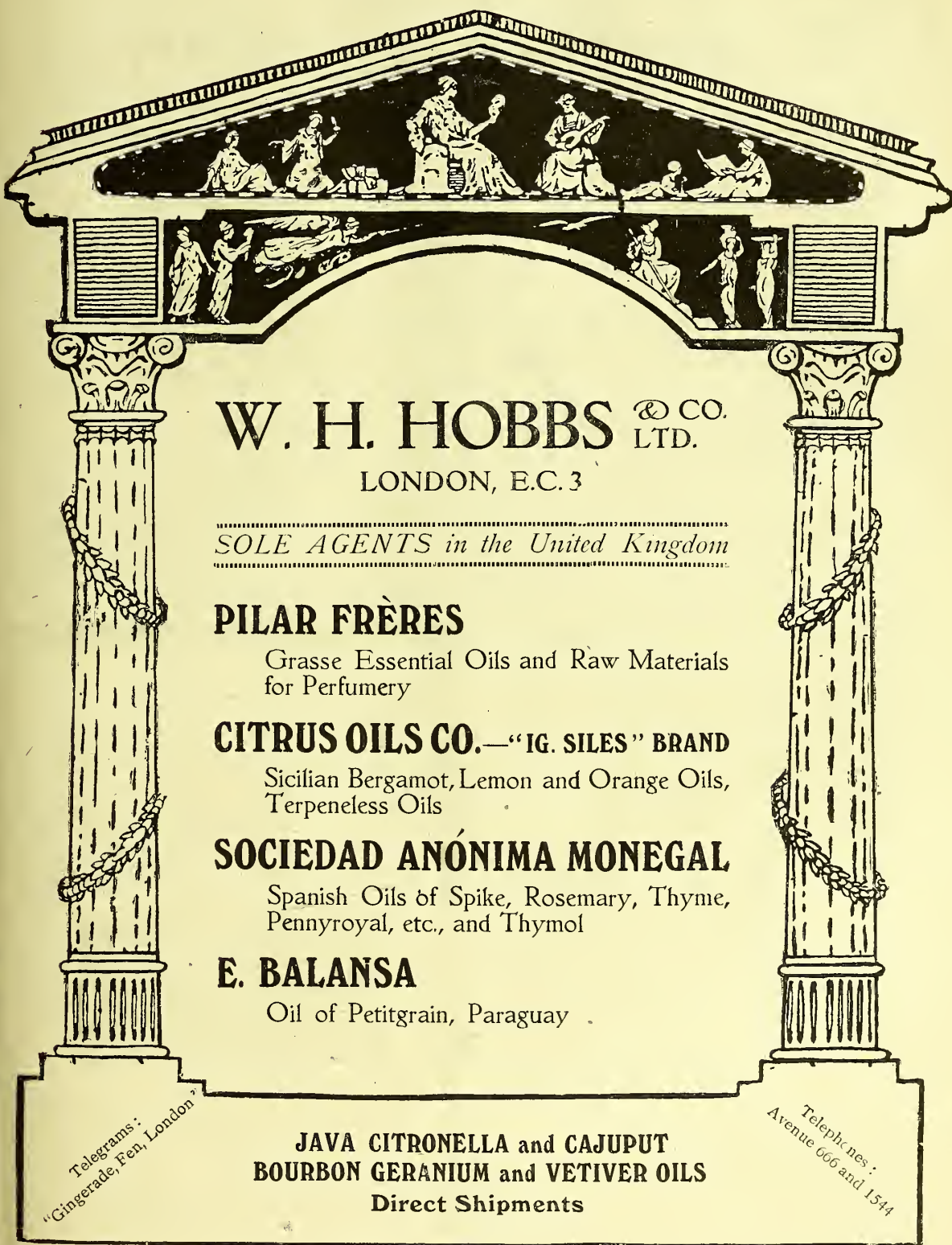
BRITISH MADE TIN FOIL

Highly polished foils—printed, lacquered, embossed or plain.
Guaranteed free from lead for tobacco, cigarettes, food-
stuffs, etc. In sheets or reels—large or small quantities.

Also collapsible tubes in pure tin, pure lead or lead-
coated with tin for rubber solution, artists' colours,
tooth pastes and other toilet preparations.

Manufactured by

Venesta Ltd.
1, Great Tower St. E.C.
London
England



W. H. HOBBS & CO. LTD.
LONDON, E.C. 3

SOLE AGENTS in the United Kingdom

PILAR FRÈRES
Grasse Essential Oils and Raw Materials
for Perfumery

CITRUS OILS CO.—“IG. SILES” BRAND
Sicilian Bergamot, Lemon and Orange Oils,
Terpeneless Oils

SOCIEDAD ANÓNIMA MONEGAL
Spanish Oils of Spike, Rosemary, Thyme,
Pennyroyal, etc., and Thymol

E. BALANSA
Oil of Petitgrain, Paraguay

**JAVA CITRONELLA and CAJUPUT
BOURBON GERANIUM and VETIVER OILS**
Direct Shipments

Telegrams :
“Gingerade, Fen, London”

Telephones :
Avenue 666 and 1544

THREE GOOD SELLERS THAT PAY WELL

FROZOCLONE

(The original solid Eau de Cologne).
(Regd.)



THE WORLD'S GREAT
PERFUME AND
REFRESHER IN
SOLID FORM

Retails (P.A.T.A.)
Minimum - 3/-
giving at least 10d. Profit
on each sale.
26/- per doz.

FROZOCLONE is a convenient form of the finest Eau de Cologne, refreshing when rubbed on the forehead, equally pleasant as a smelling bottle, invaluable in a heated atmosphere and when motoring.

CARNATE (Regd.)

A NAIL POLISH PASTE with new and distinctive features. Antiseptic—Softens the cuticle—Brilliant and lasting polish.

Retails (P.A.T.A.) minimum 1/6; 12/- per doz.

ANALAX

(Reg. Pat. No. 310716).



The Ideal Fruity Laxative in Pastille Form.
DELICIOUS. RELIABLE. EFFECTIVE.

Retail (P.A.T.A.) Minimum 2/3
21/- per doz., stamped.

R. DEMUTH'S LABORATORIES, 68 Salusbury Road and
Montrose Avenue, LONDON, N.W. 6

Telegraphic Address: "Boulbene London."

Telephone: 525 Willesden.

Manicure your Finger Nails with

Redio

TRADE MARK

Finger Nail Cloths.

They give a brilliant, lasting polish without pumice, dust, or grease. Beautiful finger nails give the finishing touch to a cultured hand.

Of all Chemists,
Hairdressers, etc.

Prices:
6d. and 1/-



The REDIO CO.
specialises in impreg-
nated cloths.

Try the celebrated Redio
Metal Polishing Cloths.

REDIO CO., Ltd., 66 Fore St., London. E.C. 2.

SALES
BEAT ALL RECORDS.

INDIAN PERFUME BRICK

KEEPS AWAY MOTH.
LASTING & FRAGRANT.

PERFUME BRICK

FOR LINEN CUPBOARD AND WARDROBE.

Retail Price, 6d.

Of the Makers:

ALBERT WILLIS & ARTHUR, Ltd.

6 Mortimer St., London, W.

AND ALL WHOLESALEERS.



SPECIAL WINDOW-SHOW OFFER

YOU purchase an assorted parcel of Ven-Yusa

Cream Soap, and Shampoo Powders value

£2 10 0

WE allow you for Showing Cards

0 5 9

Net Credit Terms

£2 4 3

IF CASH ENCLOSED deduct **2½** per cent. ...

0 1 3

Net amount to send

£2 3 0

YOUR PROFIT on the Investment will be 50%

Larger Orders are accepted on pro-rata terms, 2½% extra allowed on orders of 12 times above quantities, if cash with order.

MINIMUM PRICES FACE VALUE.

ORDER FORM.

To Messrs. G. E. FULFORD, LTD., Carlton Hill, LEEDS.

Date.....

Dear Sirs,

Please supply on Window-Show Terms—

			£	s.	d.
.....Gross.....	Doz. 1/- size Ven-Yusa Cream	... @ 9/3 doz.			
.....Gross.....	Doz. 6d. ,, ,, Soap	... @ 4/6 ,,			
.....Gross.....	Doz. 1/6 ,, ,, Shampoo Powders	13/6 ,,			
		(7 3d. Shampoos in packet)			
.....Gross.....	Doz. 3d. packets ,, Shampoo Powders, 22/- gross				
		(6 doz. Cartons only)			

Remittance enclosed £ : : £

Name and Address.....

MINIMUM PRICES FACE VALUE.

Note.—If Cash does not accompany order, references should be given for New A/cs. **Credit Terms are Strictly Net, 30 days.**

An excellent
Window Display

SUTTLEY and SILVERLOCK'S

Will make many
— Customers —



Printed
in Black
and
Emerald
Green.

ORDER NOW.



SEASON SPECIALITIES

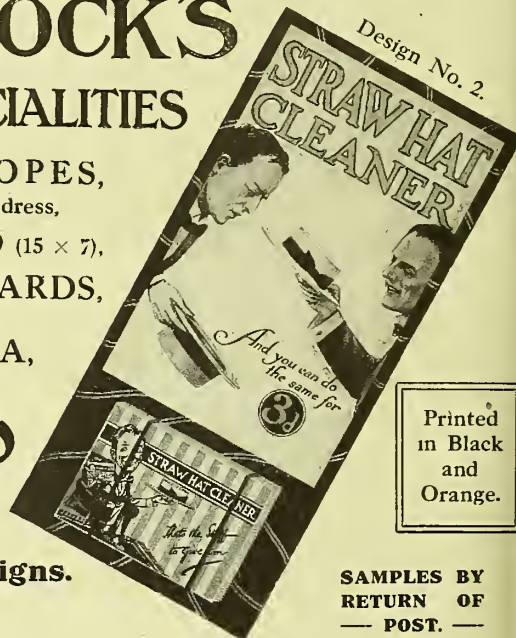
1000 ENVELOPES,
with Name and Address,
A SHOWCARD (15 × 7),
2 WINDOW CARDS,
and
FORMULA,
for

37/6

○○○

Striking Designs.

○○○



Printed
in Black
and
Orange.

SAMPLES BY
RETURN OF
— POST. —

BLACKFRIARS ROAD, LONDON, S.E.1.

FACE CREAM. TOOTH POWDER. NAIL POLISH
„ POWDER. „ PASTE. HAIR CREAM
BRILLIANTINE, Solid and Liquid. PERFUMES
VIOLET POWDER. TALCUM. TOILET OATMEAL
SHAMPOO POWDER & LIQUID. MASSAGE CREAM

Your own formula prepared, or we can supply ingredients if desired.
Send for samples and quotations.

A. CONNELL & CO., 3 Jewry Street, LONDON, E.C. 3

PHONE—AVENUE 1945.

SIMPLICITY
—both in use and in
effect—is the great
merit of

SEMREH

BOTTLE CAPS.

They fix themselves,
and when finished are
SIMPLE yet ARTISTIC
in appearance.

THE VISCOSÉ
Development Co., Ltd.
BROMLEY, KENT.



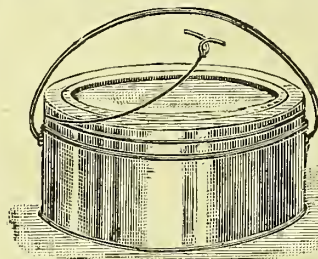
SO SIMPLE!

The Northern Tin Canister Works,

6 Mersey Street,
LIVERPOOL.

Manufacturers
for the
Chemical Trade.

**TIGHT SEAMING &
VARNISH BOTTLES
A SPECIALITY.**



Patent Air Tight Slip-lid Tin
for Export.

Prompt Deliveries Assured.



THE CHEMISTS' PRINTING EXPERTS

ESTABLISHED OVER 70 YEARS

**LABELS, CARTONS,
SHOWCARDS,
SHAMPOO &
CORN SILK
ENVELOPES,
ETC. ETC.**

**SEND US YOUR ENQUIRIES
AGENTS FOR THE REGISTRATION
OF TRADE MARKS.**

**FORD, SHAPLAND
& CO. LTD.
GREAT TURNSTILE,
HIGH HOLBORN,
LONDON, W.C.1**



The Economics of Domestic Fuel

IN considering the economics of the domestic fuel question the householder must remember that the national welfare has to be taken into account as well as his own pocket.

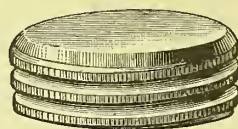
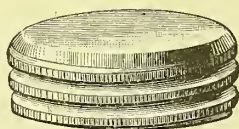
The use of gas lessens the drain on Britain's fast-dwindling reserves of coal: it also lessens the drain on the time, health, and nervous energy of the housewife and her helpers. And to-day, when labour is scarce and time and health are more precious even than actual money, this is a point which should not be overlooked.

Gas is clean, controllable, and ever-ready at a touch; in a word, it is one of the greatest labour-savers known. Hence—and by reason also of the fact that, unlike coal, it need be consumed no longer than it is actually required—its use means personal as well as national economy.

Write for the "Household Economy" number of "A Thousand and One Uses for Gas" to the Secretary—

**THE BRITISH COMMERCIAL
GAS ASSOCIATION**

47 Victoria Street, Westminster, S.W.1



Collapsible Tubes Sprinkler Stoppers

PLAIN AND PRINTED.

FILLING & CLOSING MACHINES

METAL CLIPS for ends of Tubes and MACHINES for fixing same.
SCREW CAPS, METAL TOP CORKS, etc., etc.

Inquiries invited.



24 CITY ROAD
 Finsbury Square
 LONDON, E.C. 1

IMMEDIATE DELIVERY

GATES' BOTTLE CAPPING SKINS



SNOW-WHITE OPAQUE ROLLED SKINS.

SOMETHING QUITE NEW. These Skins are damp and READY FOR USE. The raw material for Baudruche manufacture being now unobtainable, I have put this new production on the market in its place. ABSOLUTELY AS OPAQUE as Split skins and equal in appearance.

"Mine beat all others."

Sole Pioneer and Only English Manufacturer :

LESLIE GATES
 HAILSHAM, SUSSEX.

Another New Speciality.—Try my TRANSPARENT SHEEP BAUDRUCHE CAPPING SKINS.



ALSO GOLDBEATER'S SKIN FOR MEDICAL PURPOSES.

THE CHEAPEST & MOST EFFECTIVE CAPPING EVER PRODUCED.

"Newberys"
 FRANCIS NEWBERRY & SONS LTD.

"A1" SHAVING CREAM

UNDER ROYAL, NAVAL & MILITARY PATRONAGE.

This High-Class Shaving Cream will appeal to the élite of your Customers.

Add to your Stock a few A1 Shaving Cream, and be wise.

18/- per dozen.

CHARTERHOUSE SQUARE,
 LONDON, E.C. 1.

1/-



No Dear,
Not another NEW HAT
I used

MAKE YOUR OLD HAT A NEW ONE.

In bottles, 1/- each, in separate neat cartons, with suitable brush. These Dyes are a distinct invention, dyeing the straw without an objectionable varnished appearance, and producing the effect of new goods.

NO GLOSS.
NO POLISH.

On the P.A.T.A.

Write for Terms, Patterns, also
Leaflet of Testimonials.

"Luton" HAT DYE

WHITAKER & CO.,

Colour Works, KENDAL.

LONDON DEPOT: 60-62 Clerkenwell Road, E.C.1

GLOSSY SERIES supplied if desired.
Special Non-inflammable Series for Export.

Another Home Article of Great Utility.

"LUTON"

Universal

Fabric

Dyes

FOR HOME DYEING.

All these colours will dye either Wool, Silk or Cotton, or mixture of these. No separate dye required for each material. Easy and clean to use. No acids or preparation required. Make home dyeing a matter of interest and pleasure.

A standard range of 12 Colours; other shades supplied.
IN PACKETS, 2d., 3d. and 6d. each, and in Bulk.

Pattern Book. Write for Terms and Patterns.

EXHIBITED—

OLDHAM, 1882;

CORK (Certificate of Merit), 1883;

LONDON (Health Exhibition), 1884.

37 Years' Reputation & Practical Experience.

WHITAKER'S HOUSEHOLD Coloured Varnishes

(VARNISH STAINS)

For Floors, Furniture, and Woodwork Generally. Patterns supplied.

Black Lacquer for Grates, etc.

"JUGGLER" BLACK FOR LEATHER

WHITAKER & CO. Colour Works, KENDAL, Eng.

LONDON DEPOT - 60-62 Clerkenwell Road, E.C. 1.

Telegraphic Address: "Dullette Kendal."
Telephone: No. 214 Kendal.

ESTABLISHED 1878.

"ERASMIC" VANISHING CREAM

WINDOW DISPLAY OFFER.

$\frac{1}{2}$ -doz. pots GIVEN FREE with orders for 3 doz.

<u>Cost Price.</u>				<u>Selling Price.</u>			
	£	s.	d.		£	s.	d.
3 dozen Pots @ 10/6 per doz.	1	11	6	3 dozen Pots @ 1/3 each ...	2	5	0
less 5% discount		1	6	$\frac{1}{2}$ " " " Bonus		7	6
		1	10 0		<u>£2</u>	<u>12</u>	<u>6</u>
75% PROFIT	1	2	6				
	<u>£2</u>	<u>12</u>	<u>6</u>				

As this Special Offer will shortly be withdrawn, orders should be sent at once to

"ERASMIC," Perfumers, WARRINGTON.

DIADEM Face Powder

possessed of the delightful fragrance of Diadem Cream, adheres readily to the skin. Made in Blanche, Naturelle, Rachel, Rose and Sunburn tints. Packed in large artistic boxes, in the distinctive Robartes' style and colouring. A sure seller.



DIADEM WAX *For the Complexion*

Completely supersedes the customary greasy Toilet Creams. Is most pleasant in use and commands ready sales. Attractively produced in elegant large jars.

DIADEM Crème Rouge

Gives an undetectable and natural colour to the cheeks. Far more convenient in use than the existing dry rouges. Easily removable whenever desired.

DIADEM Vanishing Cream

A cream of rare purity and charm, put up in novel white globes which have an irresistible appeal and packed in dainty boxes in Robartes' attractive style.

DIADEM Talcum Powder

The ideal powder for Nursery and Toilet use. Choicely perfumed, and may be used with impunity on the most sensitive skin. In handsome perforated tins.

DECOLTENE *The liquid hair remover*

The intelligent depilatory. Simple, safe, effective, and harmless. Can be used while performing the toilet. Daintily packed.



An attractive line that enjoys good sales. A greaseless cream that takes all odour out of perspiration. Packed in attractive jars.

TRADE TERMS.

	P.A.T.A.	Trade per doz.
Diadem Face Powder ...	2/6	20/-
" Complexion Wax ...	2/6	20/-
" Crème Rouge ...	2/6	20/-
" Vanishing Cream ...	3/9	30/-
" Talcum Powder ...	1/3	10/-
Decoltene Depilatory ...	3/9	30/-
Dinkie Deodorant ...	2/6	20/-

NOTICE.

Artistic Showcards and Counter Matter free on request. Robartes' Preparations are obtainable from all leading wholesale houses. Largely advertised in all the leading dailies, weeklies and monthlies. Further particulars and descriptive booklet forwarded on request.

ROBARTES, Ltd., Dyer's Buildings, Holborn Bars, London, E.C. 1.

**A DAINY BRITISH PERFUME
OF GREAT FRAGRANCE.**

POTTER & MOORE'S MITCHAM LAVENDER WATER

Established - 1749.

**PRICES PROTECTED
UNDER THE P.A.T.A.**

Sole Proprietors:—

W. J. BUSH & CO., Ltd.

Ash Grove, Hackney, London, N.E.

DISTILLERY ————— MITCHAM, SURREY.

May 13, 1919.

Alteration of Prices

OWING to a further rise in the cost of Bottles, we regret we are reluctantly but absolutely compelled to raise the price of the 6d. size John Bond's "Crystal Palace" Marking Ink to both Wholesaler and Retailer, on and after above date, as follows: To the Wholesaler from 38/- to 40/- per gross, therefore the minimum protected price to the Retailer will be raised from 3/7 to 3/9 per dozen. In the case of the 1/- size this will be raised from 69/- to 70/- per gross, and the protected price to the Retailer will be raised from 6/7 to 6/9.

Minimum selling price 5d. and 10d. respectively.

JOHN BOND

(LONDON) LIMITED,

75 Southgate Road, London, N.1

'Ongard' Guarded
Coil
Safety Pins RUST
PROOF.



For Surgical & Nursery Purposes.

SOLE MANUFACTURERS

GEORGE GOODMAN LTD.,
BIRMINGHAM.

Stocked by **JAMES L. HATRICK & CO., LTD.,**
70 St. John St., Clerkenwell Rd., LONDON, E.C.1.

For Delicate Skins.

Eudermine Cream at 2/6
per bottle.
Eudermine Face Powder

at 2/6 per box.

Obtainable at all Chemists and Stores.

Manufacturers:

EUDERMINE CO. LTD., 79 Coleman Street, London, E.C. 2

PURE SPANISH ESSENTIAL OILS

(LONABARC BRAND).

ROSEMARY

LAVENDER

GERANIUM

PENNYROYAL

THYME (RED & WHITE)

SAGE

FENNEL (SWEET & BITTER)

ORANGE

LEMON

THYMOL

ACONITE ROOT

GENTIAN ROOT

LAVENDER FLOWERS

QUINCE SEEDS

Write for samples and prices to **LONABARC TRADING CO., LTD.,** 60 FORE ST., E.C. 2

BOTTLES.

I can supply **BRILLIANTINES, LIMES, BAY RUMS, TOBINS, OVALS, CANNONS, TABLET BOTTLES, SCREW JARS, OILS, &c.** Wholesale quantities only. Send me your inquiries.

G. VAN DER HOEK, 324/5 Bank Chambers, 329 High Holborn, LONDON, W.C.1.

TO USERS and DEALERS in METH. SPIRIT and SPIRIT OF WINE.
FOR QUOTATIONS apply to—

PRESTON'S LIVERPOOL DISTILLERY CO. LD

The Largest Makers in the Kingdom.

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TERPENELESS OILS

BRITISH MADE.

We manufacture exclusively ourselves all kinds of Terpeneless Oils, and invite inquiries from users throughout the World.

WE SPECIALISE IN TERPENELESS:

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Bay

Bergamot

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Geranium

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Juniper Berry

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Limes

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Nutmeg

Orange

Peppermint

Petitgrain

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HOLLANDS DISTILLERY, Ltd.

Lavington Street, Southwark, London, S.E. 1.

A B C Code (5th Edition),
Western Union.

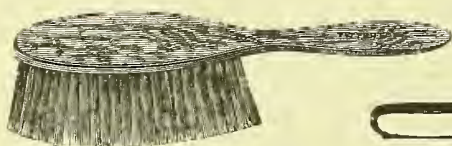
Telegrams: "LANDSLOH LONDON,"
Telephone: HOP 898.

AMERICAN AGENTS—O. A. BROWN CO. INC., 99-101 Beekman St., New York.
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SUTTON HOUSE,
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LONDON, E.C. 1.

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TITTERTON & HOWARD, Brush Manufacturers, 8 & 10 Great Titchfield St., London, W. 1.
FACTORY: ALBION WORKS, DALSTON LANE, E. 8.

BIDWELLS' LTD.

RELIABLE TOOTH BRUSHES.

Gloria Silverdrawn,	18/-
Mitre - - -	14/-
Elephant - -	12/-
Anchor - - -	10/-

GROSS LOTS NAMED FREE. CARRIAGE PAID.

*We invite you to try them.
We guarantee satisfaction.*

A selected £10 parcel of Hair Brushes
from 30/- to 100/- per doz., carr. paid.

Made at our Factories, AXMINSTER, DEVON.

"SOFTO" Tablets

for Chapped Hands and Tender Feet.



*The Line that
SELLS!*

Retail Price - 2d.

Wholesale 12/- per gross.

"Softo" Shampoo Powders

Retail Price 2d. (7 for 1/-).

Wholesale 9/6 per gross.

"SOFTO" FACE POWDER

Three tints—White, Pink and Cream.

Retail 6½d.

Wholesale: 1 dozen, 4/6; 3 dozen, 12/-
1 gross (with 4 dozen bonus) 50/-

Net. Carriage Paid.

SOFTO MANUFACTURING CO.

33 Edgware Road, London, W. 2.

Lead from Strength!

No Apology

is necessary for quoting the above well-known Bridge maxim, because there is much in common between Scientific Bridge and Scientific Business. In both there is a flavour—a zest—a *joie de vivre*—for the keen player which is denied the unversed or apathetic participant.

The game is never the same; the campaign not always to the lucky; the result seldom foregone, and in both philosophy has its place.

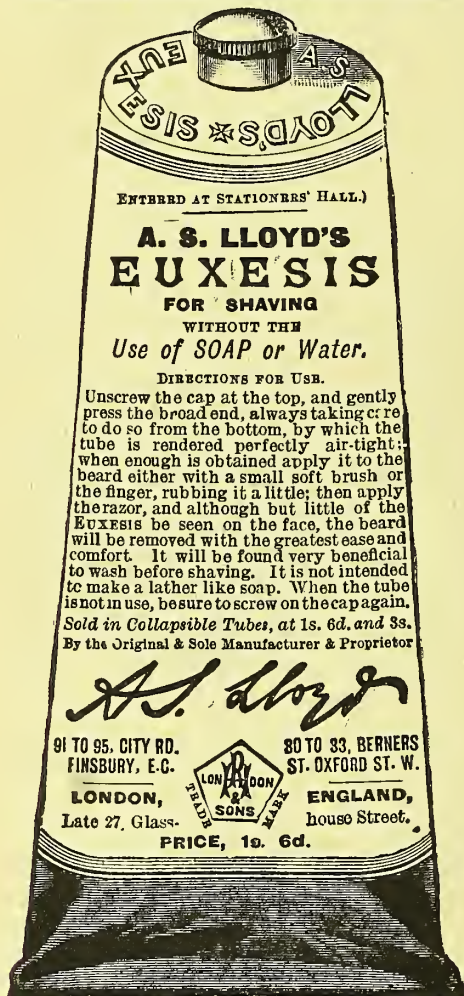
Only in the one have you—to an extent—the choice of cards, and believing we hold a strong hand we invite our fellow-players to participate in these.

MIDGLEYS Pharmacist Soap Makers **MANCHESTER** Estd. 1833

A. S. LLOYD'S EUXESIS

(THE GENUINE).

For Shaving without Soap, Water, or Brush.



Sold by all Perfumers and Chemists throughout the World.

R. HOVENDEN & SONS having purchased, under an administration suit, the Business of the late A. S. LLOYD, with the Receipt, Trade-Mark, and Goodwill of the celebrated Euxesis, the Trade are cautioned that the original and genuine Euxesis is now manufactured at our Factory ONLY, and may be obtained at either of our Warehouses at the following prices:

11/6 per dozen; 11/3 by the 6 dozen.
Retails at 1/6 per tube; 3/- size to order.

NOTICE.—THE GENUINE A. S. LLOYD'S EUXESIS bears a label printed in BLACK only on a Yellow ground, with our Trade Mark at the bottom, as illustration.

Proprietors: R. HOVENDEN & SONS, LTD.,
LONDON: 29-33 Berners Street, W.; and 89-95 City Road, E.C.

LOFTHOUSE & SALTMER, Ltd.

Wholesale and Export Drug Merchants,
Manufacturing Chemists

HULL.

INVITE the Trade to take up the following valuable P.A.T.A. Protected Lines, bearing a very large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

	P.A.T.A.	Protected Retail Price.	Dozen Net
* LOSALL'S SALT (well advertised), tins	9d.		6/6
* " " " " " "	1/6		13/-
* " " " " " "	bottles in cartons } 2/-		16/-

* Losall's Salt sells so well, surely it must pay Pharmacists to stock such a big profit-bearing protected line.

LOSALL'S COMPOUND SULPHUR SOAP.

	Box:	Doz.
A valuable emollient medicated skin soap, especially suitable for use in Eczema. 3 Tablets in a box for 8d.	2/-	18/-

FOR LARGE BUYERS.

Tooth Powders

Also Brilliantines, Dry Shampoo (Liquid),
Bay Rhums, Toilet Paraffins,
Lime Creams, Pomade Hongroise,
Shaving Sticks, Dental Creams,
Vanishing Creams, Shampoo
Powders, and all Toilet Goods.

LOW PRICES for
HIGH QUALITY.

STOKES & CO., Ltd.

Manufacturing Chemists and Perfumers
Desk 11, 31-35 Lower Castle St., BRISTOL

(7)

A. S. LLOYD'S EUXESIS.

For Shaving without Soap, Water, or Brush.

CAUTION.

The Labels on GENUINE EUXESIS bear two signatures—
A. S. Lloyd in Black Ink, and that of his Widow,
Aimée Lloyd, in RED. Refuse any other.

Sole Manufacturers and } **AIMÉE LLOYD & CO.**
Proprietors: }
23 PANTON STREET (formerly named Spur Street),
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N.B.—When ordering from Wholesale Houses write LLOYD'S EUXESIS (WIDOW'S).

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"STRONG" OR "MILD"

The Super Paste.

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Petroleum Jelly

White, Yellow, Amber,
& Ruby Red, for all
Pharmaceutical and
Veterinary purposes

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LIVERPOOL . . . MANCHESTER

All Petroleum Products

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WHITE OILS

PETROLEUM JELLIES,
WHITE, YELLOW, DARK

PARAFFIN WAXES

NEUTRAL OILS,
DEBLOOMED AND UNDEBLOOMED

PALE & RED LUBRICATING OILS

CYLINDER OILS,
STEAM-REFINED, FILTERED

WHOLESALE ONLY

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Sole European Representative

The JAMES B. BERRY'S SONS CO. Inc.
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Salvo Petrolia

the perfection of Petroleum Jelly

in qualities, white, lemon, yellow
and golden, for pharmaceutical
purposes.

MANUFACTURED SOLELY BY

The Dee Oil Company, Ltd.
Delta Works . Bootle . Liverpool.

Packed in barrels, kegs and smaller
packages according to requirements.

Inquiries are solicited for this article
of **BRITISH MANUFACTURE**, and
buyers may rely that for quality and
price it will meet any competition

Other Grades
Petroleum Jellies, White Bases, &c.
Samples and prices on application.

"OLEUM DEELINÆ," a certain cure for Eczema.

Phone: 186 Bootle.

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The Evan-Williams HENNA

Shampoo Treatment

The delightful shampoos manufactured by The Evan-Williams Company have won for themselves an exclusive position with the best class of customers, chiefly because production is based on actual experience in Hair Treatment. They are continuously advertised, and the retailers' margin of profit is generosity itself. Keep an eye on your stock, and benefit by the excellent business result.

The Evan-Williams HENNA

Brilliantine

is a unique preparation for toning faded and dull hair, which never fails materially to improve the condition. Sells freely, at a generous profit.

"The SHAMPOO SALESMAN," giving full particulars of all Evan-Williams Preparations, is sent free on request.

The Evan-Williams Co., Ltd.

Originators of Henna Shampoo,

18 & 18a, Ogle St., Foley St.,

:: LONDON, W. 1. ::



The Finest Quality
Aerated Waters are
made only with
the Finest Quality
ESSENCES

Boake Roberts

Soluble Essences are
of the finest quality
and being extremely
concentrated are
most economical

Lemon	Ginger Ale
Orange	Stone Ginger (Cloudy)
Ginger	Clear Ginger Beer
Raspberry	Kola Champagne
Strawberry	Lime Juice and Soda
Pineapple	Lemon Squash Vanilla

A. Boake Roberts & Co. L^{td}
Stratford, London.

CROSFIELDS' CHEMICALLY PURE GLYCERINE. PYRAMID BRAND.



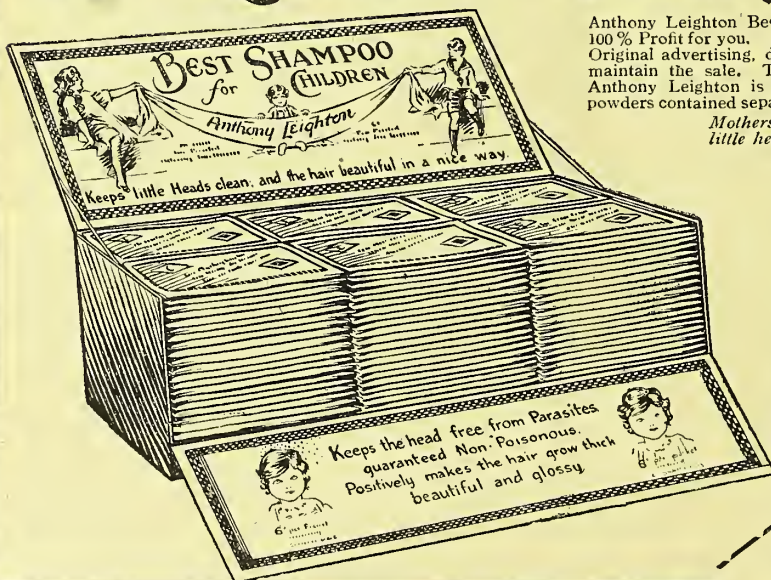
The finest Glycerine obtainable for medicinal purposes. Absolutely pure. Guaranteed to stand all the tests of the British Pharmacopœia.

IN 14# 28# & 56# TINS. (WOODEN CASES)
1, 2½, 5 & 10 CWT. DRUMS. (RETURNABLE)

JOSEPH CROSFIELD & SONS LTD Chemical Manufrs. WARRINGTON.

Anthony Leighton

A Quick 100% Sale



Anthony Leighton's Best Shampoo 'sells quickly, and earns a 100 % Profit for you. Original advertising, distinctive packing, and splendid quality maintain the sale. Though a 6d. line showing a 6d. profit, Anthony Leighton is really a 3d. Shampoo, there being two powders contained separately in each packet.

Mothers buy because it keeps little heads clean in a nice way.

Show this Box.

It is specially made for your window and your counter. It contains 6 dozen Anthony Leighton Best Shampoo and 1½ dozen Free Bonus.

Brings 45/- Costs 22/6.

You get 22/6.

And many pleased customers Post the Coupon NOW!

THE LEIGHTON
LABORATORIES,
55 Gray's Inn
Road, W.C. 1

Cut this Coupon.
Attach it to your business heading, or card, and send it to The Leighton Laboratories, 55 Gray's Inn Road, London, W.C. 1. Please send me carriage paid return 6 doz. Best Shampoo by Leighton and include 14 doz. free bonus.

C. & D. 17-5-19

"Less than a drop is sufficient"

Zenobia Condensed Perfumes are so highly concentrated that less than a drop is sufficient to give a lasting yet delicate fragrance.

But how can one apply "less than a drop?" By momentarily inverting the bottle and then lightly touching the article to be perfumed with the moistened stopper. The ordinary stopper found with Zenobia Condensed Perfumes is much more economical than the rod stopper, which applies more perfume than necessary.

ZENOBIA CONDENSED PERFUMES

This explanation, given at the time of sale, will assist in establishing Zenobia Condensed Perfumes as favourites with the public. Besides being so economical, they have the true flower fragrance always associated with the name of Zenobia—a fragrance that is unequalled for purity and charm.

ZENOBIA, Ltd. Wholesale, Manufacturing and Export Perfumers.
LOUGHBOROUGH, ENGLAND.



The Retail Prices are 3/-, 6/- and 12/6 per bottle.

Trade Prices are 27/-, 54/- and 108/- per dozen, less usual discount

"PREPARATIONS

of which the Muller Nutrient is a very good example may legitimately be described as 'Nature Remedies.' These will no doubt have an important place in Therapeutics, and hold out much hope and promise in the future of medical practice."

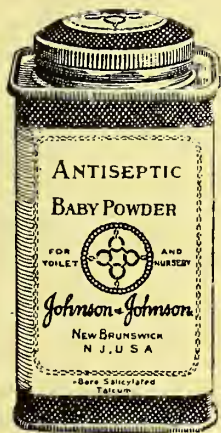
—THE MEDICAL TIMES, August 18, 1917.

THE MULLER NUTRIENT

SELLS AT 3/- P.A.
FACE VALUE 3/- T.A.

Direct Cash Orders 28/6 dozen
with 2 Showcards.

The Muller Laboratories,
Scientific Food Specialists, LTD.
144 Albany Street, LONDON, N.W.



**Look for the
Name and
Trade Mark.**

ANTISEPTIC BABY POWDER

MANUFACTURED BY

Johnson & Johnson.

We wish to warn our Customers, so that they may be on their guard, that our package is being imitated. This step, which is so easy, is an undignified and shabby attempt to rob us of our goodwill.

WARNING.

The contents cannot be imitated, and the Trade Mark cannot be imitated; and we would ask those Customers who have handled this preparation for a quarter of a century, with every satisfaction to themselves and to their clients, to resent this method of copying other firms' productions by insisting on having the original package bearing the registered Trade Mark, which is the guarantee of quality.

JOHN TIMPSON & CO., Ltd.,
104 Golden Lane,
LONDON, E.C.

The Holoyd Page

If you were a better salesman—

Has it occurred to you that the many years which you have spent in acquiring your present knowledge of pharmacy—a knowledge necessitating hard, prolonged and continuous study—have robbed you of much that concentration on the problem of *salesmanship* might have brought you?—much in the way of increased favour over your customers—of ability to *govern their tastes and decision*?

If you have not, a little thought will bring the fact home to you, and will make you ready to assimilate the idea of making good that deficiency by a concentrated course of carefully conducted study of the *principles that govern the most efficient salesmanship*.

And the **Holoyd Salesmanship Course**

brings you that opportunity. Conducted as it is by a man, twenty years of whose life have been devoted to the manifold aspects of this vital phase of commercial life, it deserves your most earnest consideration. And, to convince you that the course is conducted in a manner at once original and extraordinarily helpful, we ask you to write for the first paper, "The Broad Outline," which will be sent free to you and, of course, without any obligation on your part.

Will you do so? A line to:—

The Sales Expert and Organiser,
at the address below, will bring it immediately.

**The Holoyd Laboratories
Green Lane, Small Heath
BIRMINGHAM.**

P.A.T.A. NOTICE.**113 Temple Chambers, E.C. 4.**

The following prices will come in force as from the date of this issue:—

Adver- tised Price		Min. Retail Price	Min. Wholesale Price
2/6	BENGUE'S Analgesic Balsam	2/6	24/- doz.
2/4	„ Menthol Dragees	2/4	22/6 „
1/10	„ Stella Pastilles	1/10	18/- „
1/10	„ Eupergo	1/10	18/- „
THOS. KERFOOT & CO.'S Preps.—			
9d.	Dr. Beresford's Liver Salt	9d.	6/- „

MEMBERSHIP.

The Council of the P.A.T.A. strongly urge non-members to join. The subscription is 7/- per annum per shop. The amount of benefit per shop per annum in consequence of the work of the Association is enormously greater than that, and every chemist in business should be a member. P.O.'s and cheques (crossed) to be addressed to the Secretary.



DO YOU STOCK the Anzora Pair?

Besides selling quickly and easily, ANZORA gives you a good profit for your trouble. The public realise that they

Master the Hair

effectually and well.

TRADE } 11/6 per dozen ... retailed at 18/-
TERMS } 19/6 30/-
2 1/2 % di count on orders of 3 doz.
5 % 6 doz.
for monthly settlement of account.

Obtainable from
all Wholesalers.

Showcards
on request.

Anzora Perfumery Co., Willesden Lane, London, N.W. 6.

Parnall

And Sons.

Prepares W & F Avery Ltd

Established over 100 years.

Shop Front

Builders

*Send a P.C. and an Expert
will call and help you!*



*Examples of our work can be seen in
every large town in Great Britain.*

Show Case

Makers

128 Branches now Open

Summer
Row

BIRMINGHAM

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SCIENTIA



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Aldehyde	Antipyrin Salicylate	Euonymin
	⟨Salipyrin⟩	
Acetanilid.	Formamide	
Bismuth Salts	Hexamine	
Butyl Chloral Hydras.	Jalapin	
Calcii Lactate	Leptandrin	
Calcii Lactophosph.	Podophyllin	
Camphor Monobrom.	Potass. Sulphoguaiacolate	

WE are now manufacturing
these in our Laboratories,
and are prepared to book con-
tracts for prompt or forward
delivery.

Chrysophanic Acid	Resin Scammony
Chromic Acid	Scammony
Chloralamide	Scammonium
Caffein	Salicyl Aldehyde
Emetine-Bismuth-Iodide	Sodii Salicylas.
Trichloracetic Acid	

Burgoyne, Burbidges & Co. ^{LTD.}
EAST HAM ————— LONDON, E.

Telegrams : "CYRIAX, EHAM, LONDON."
Telephone : EAST HAM 686 (Four Lines).

APOLOGY

CREAM OF TARTAR SUBSTITUTE

Guaranteed to pass the Food and Drugs Act in every respect.

*Highest
Quality.*



*Lowest
Price.*

Both "Tartarine" & "Tartaraline"

are our Registered Trade Marks for Cream of Tartar Substitute for baking, and for many years our brands and quality have been well-known throughout the world. Our patent rights were infringed by an advertisement inserted in the issues of this Journal of March 22nd, 29th and April 5th, but the firm who advertised same send us their apology as follows:—

"We are in no wise desirous of infringing any Registered Mark, and have to-day given orders to stop any further issue of advertisement containing the word 'TARTARINE,' and will not sell or offer for sale any goods under the description of that name."

Our standard policy all along has been to supply a substitute of the highest possible quality that would sell on its merits alone, and while we are flattered by the advertising of an occasional colourable imitation, we consider it right to inform the Trade and the General Public that it is our firm intention to safeguard our interests by legal proceedings when necessary.

Sole Proprietors and Manufacturers of
"TARTARALINE" and "TARTARINE."

JOHN POYNTER, SON & MACDONALDS,
72 GREAT CLYDE STREET, GLASGOW.

WORKS: GREENOCK.

Telegrams: "Poynter Glasgow."

WARRICK BROTHERS, LIMITED

CHOCCELLÆ.
PULVELLÆ.
FLEXOIDS.
FLEXETTES.
FIZZZLETS. *(Suspended)*
REFRESHLETS. *(Suspended)*
EXTRAITS AUX FLEURS.
ESSENTIAL OILS.
POMADES (FLORAL).
ROSE WATER.
SACHETS:
PERFUMES.
SYNTHOROSE.
CACHOUS.
FRAGRETS. NORETS.
PERLES.
PASTILLES.
LOZENGES.
ORIFORM LOZENGES.
WALMSLEY CLEANING
PADS.
CAPSULES.

NOSTRONES.
COMPRESSED TABLETS.
AMULETS.
POT POURRI (CINET'S).
JAPADUMS (CINET'S). *(Suspended)*
TOILET SOAPS.
CHAPIREAU'S CACHETS.
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ZOMBS.
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THE "FLAG"
EAU DE COLOGNE.

Also Special Agents for
JELLOIDS.
IRON JELLOIDS.
DULCILAX.

6, Nile Street, City Road, London, N.1.

Telephone : LONDON WALL 2452 (2 lines).

Telegrams : "WARRICKERS, HOX. LONDON."

CORRESPONDENCE FROM OVER-SEAS SOLICITED.



A Weekly Journal of Pharmacy and of the Chemical and Drug Trades.
ESTABLISHED 1859.

The CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official organ of the Pharmaceutical Society of Ireland, the Chemists and Druggists' Society of Ireland, and of many Chemists' Societies in Australia, New Zealand and South Africa.

SUBSCRIPTION RATES.

FIFTEEN SHILLINGS a year payable in advance to any part of the world, including a copy of *The Chemist and Druggist Diary*. Subscriptions may begin with the first issue of any month. Single Copy, 6d.; *Diary's*, 6d. post free. Postal orders and cheques should be crossed "Bank of Liverpool and Martin's Ltd."

Prix de l'abonnement annuel: le journal une fois par semaine, et l'agenda une fois par an, 15s., franco.

Preço de suscription anual: el periódico una vez por semana, y el agenda una vez por año 15 ch., franco.

Terms for advertising may be obtained on application to the Publisher
Head Office: 42 CANNON STREET, LONDON, E.C. 4.
Telegrams: "Chemica. Cannon, London." Telephone Central 3617 (three lines).
Branch Offices: MELBOURNE AND SYDNEY, AUSTRALIA.

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Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Monday, May 19.

Public Pharmacists' Association, St. Bride Institute, Bride Lane, London, E.C., at 7.45 P.M. General meeting.

Office Commerciale Française en Angleterre, 153 Queen Victoria Street, London E.C., at 11.30 A.M. Opening of exhibition of French products by M. J. Périer, Consul-Général.

Wednesday, May 21.

Pharmaceutical Society of Great Britain, 12 Bloomsbury Square, London, W.C., at 3 P.M. Annual meeting of the members.

Thursday, May 22.

Essex (County) Association of Pharmacists, Town Hall, Colchester, at 2 P.M. Conference. Outing to places of interest for ladies and friends. Those intending to be present should communicate with Mr. C. Goode, 6 Crisp Street, London, E. 14.

South Wales and Monmouthshire Federation of Local Associations, Council Chambers, Merthyr Tydfil. Executive meeting at 2.30 P.M. Civic reception and annual general meeting at 6 P.M., when Sir William Glyn-Jones and others will speak.

London (Western) Pharmacists' Association, 316 Regent Street, London, W., at 8.15 P.M. Annual meeting. Address by Councillor A. R. Melhuish on "An Industrial Council for Pharmacy."

ALCOHOL.—The German Bundesrat has made an Order prolonging the existence of the Spirit Central for the period of the validity of the Order of April 15, 1916. The Central would otherwise have come to an end on September 15, 1918.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

War Regulations Altered.

Cereals.—It is no longer obligatory to report to the Royal Commission on Wheat Supplies imports of 5 tons and upwards of flours and meals made from oats and maize, i.e., oat-flour, oat-meal, rolled oats, flaked oats, maize-flour, maize-meal, maize-flakes, maize-semolina, hominy, cerealine, and other like products of oats and maize.

Confectionery Prices.—The Food Controller has revoked as from June 1 the Sugar Confectionery Order, 1917, which fixed maximum retail prices for chocolates and other sweet-meats.

Paraffin.—The Motor Spirit and Lamp Oil (Maximum Retail Prices) Order, 1918, and the Petroleum Products (Wholesale Prices) Order, 1918, have been repealed.

Sodium Nitrate.—The Nitrate of Soda Order, 1917, suspended from May 15 until further notice.

Trading with the Enemy.—The Treasury has issued a general licence authorising all persons, firms, or companies in the United Kingdom to engage in any transaction which by the terms of the Proclamation of January 7, 1915, is considered a transaction with the enemy. At the same time, no transaction or business is authorised with or on behalf of a branch of an enemy firm or bank for the account of the head office or other office of a firm or bank in enemy territory unless it is situated in territory the resumption of trade with which is authorised. Accounts may be sent to persons and firms resident in enemy territory. It must, however, be understood that the payment of money to enemies remains prohibited, and statements of accounts sent under the general licence should be accompanied by notice that it will not be open to persons and firms in enemy territory to whom they are sent to dispose of funds or securities held for their account in this country at the date of the outbreak of the war.

Grants to Students.

The Appointments Branch of the Ministry of Labour has issued a summary of the concessions made by various professional bodies to candidates whose training has been affected by war service. The paragraph relating to the Pharmaceutical Society reads:

An Army Council certificate excuses the Preliminary examination and a pass in two out of four branches of matriculation exempts the student from further examination in those subjects.

Particulars are also given regarding the grants to students for maintenance during training, which is of interest to pharmaceutical students who have served during the war. Assessed with a view to covering the fees for the course and the cost of maintenance during the period, the sum for maintenance will not exceed 175*l.* per annum in the case of a single, nor 200*l.* per annum in the case of a married, candidate, and may be substantially less. The maximum annual allowance for fees is 50*l.* In the cases of married candidates an allowance not exceeding 24*l.* per annum may also be made towards the maintenance of each child under sixteen years of age up to a maximum of 96*l.* No account is taken of service gratuities, wound gratuities, wound pensions, disability retired pay, or disablement pension. A candidate is required to declare his own, and, if married, his wife's income, and account will be taken of this and such assistance as might come from scholarships, etc., or from allowance which might reasonably be expected to be made by parents or relatives. Thus under the scheme a single man with an income of 225*l.* per annum, or a married man without children and with an income of 250*l.* per annum, can receive no financial assistance from the Government. Applications for grants must be made to the District Director of the Appointments Department, of which a list was given in the *C. & D.*, April 19, p. 62.

Birmingham.

"Ringling the changes" has been frequent in local shops of late.

Cadbury Bros., Ltd., have presented the city with the freehold of Bournville Park.

The success of Mr. Rushton's appeal to a higher court (*C. & D.*, May 10, p. 56) has given much satisfaction in the drug-trade.

Measles, says the Birmingham Medical Officer of Health, appears to be epidemic every second year. Last week there were 930 cases locally.

Mr. S. W. J. Smith, M.A., D.Sc., has been appointed to the Chair of Physics at Birmingham University in the place of Sir Oliver Lodge, resigned.

The "London Gazette" publishes an Order in Council appointing May 21, the date of the King's visit, as a Bank Holiday in the City of Birmingham.

Mr. B. G. Watson, who lately disposed of his pharmacy and took up the study of medicine, has been made vice-captain of the University cricket team.

Recent contributions to the Birmingham Y.W.C.A. include: Cadbury Bros., Ltd., 500l.; W. Canning & Co., 15l.; Mr. G. Cadbury, jun., 10l.; Alderman F. C. Clayton, 10l.

Learned societies are looking round for summer diversions, and it is probable that chemical and other works in the Midlands will receive a good many visits from these bodies.

The short, sharp courses projected for science-students are now generally subsumed under the phrase "intensive training." It sounds better than "cramming"—and, after all, it may mean something different.

Mr. Henry Corbett, who was with Samuel Thornley, Ltd., for nearly seventeen years, has purchased the wholesale druggists' business of E. G. Canning, 60 and 62 Newtown Row, and will carry it on under the old name.

A well-known chemist and bacteriologist went up to two men who were fighting, the other day, in New Street, and stopped them with the remark, "He has not come yet." "Who?" said one of them. "The cinema man," quoth he.

A ratecatcher has been selected from Birmingham for Herefordshire at a weekly salary of 5l. It might be interesting to work out a comparison between this sum and the income derived by the average pharmacist from the sale of vermin-killers.

With the reinstatement of certain oils and so forth into the British Pharmacopœia, two problems are perplexing pharmacists: (1) What is to be done with existing stocks of war emergency preparations, and (2) how repeat prescriptions containing these substitutes are to be dealt with.

Mr. John Humphreys, L.D.S.(I.), has resigned his position as lecturer on dental subjects at Birmingham University. Mr. Humphreys is remembered by those present at the meeting of the British Pharmaceutical Conference at Birmingham in 1906 as the author of a paper on the flora of the Lickey Hills (*C. & D.*, II., 1906, p. 174).

Bradford.

A pharmacists' and assistants' branch of the National Warehouse and General Workers' Union has been formed in Bradford.

The Bradford city analyst, Mr. F. W. Richardson, F.I.C., has been recommended for an increase of 150l. per annum on his present salary of 400l.

The position of venereal disease officer to the Health Committee of the Bradford Corporation has been offered to Captain H. H. White at a salary of 600l. per year, with the addition of any fees he may receive from the practitioners of the city if called in as an expert consultant.

Liverpool.

Both wholesalers and retailers report brisk business, to which a heat wave has added a fillip.

Mr. George H. Ralph, whose presentation from the staff of Ayrton, Saunders & Co., Ltd., was referred to in this column last week, has received from the directors of the company a canteen containing cutlery.

A "reception to 'Our Boys'" has been arranged by the combined staff of Evans Sons Lescher & Webb, Ltd., at St. George's Hall for May 22. The programme, covering eight hours, includes supper, a concert, a dance, and whist.

The *post-bellum* problem of the boy worker is a tough one. A firm closely associated with the chemical trade engaged lately a new office-boy. He vanished on the fourth evening, and it has been discovered that he misappropriated the cash given him for a large batch of telegrams—which he destroyed.

A party of students of pharmacy from the Wigan and District Mining Technical College visited the warehouse, factory, and laboratory of Ayrton, Saunders & Co., Ltd., this week, under the guidance of Mr. T. H. Winstanley, pharmacist, Wigan, and were afterwards entertained to tea by the company at the Yamen Café.

It was understood that men who joined the Colours would find, on demobilisation, their old places waiting for them. Cases are occurring in which the situation does not fit the man. If he was nineteen when he joined and is now nearly twenty-four, the "old place" is not quite sufficient; nor does it suit if as a major or a colonel he returns to a clerk's desk.

Sheffield.

The Ministry of Labour has appointed the Secretary of the Sheffield Pharmaceutical Committee a member of the local Interviewing Board.

The "London Gazette" publishes an Order in Council appointing May 20, the date of the King's visit, as a Bank Holiday in the City of Sheffield.

Local students, as Mr. Austen has pointed out, would do well to direct their attention to the Pharmaceutical Society's herbarium prize. This was held by a Sheffield competitor some years ago.

Some misunderstanding has arisen over the applications of demobilised men for assistance for educational purposes. In a few cases the forms have been returned to the University. Fresh forms should be secured by those concerned and returned to the Ministry of Labour as soon as possible.

Miscellaneous.

BRITISH INDUSTRIES FAIR.—It is announced that the London British Industries Fair for 1920 will be held at the Crystal Palace.

ENEMY PATENTS.—Licences have been granted to Mr. L. B. Holliday to use twenty-three dye patents belonging to alien enemies, or vested in the Public Trustee.

STORM DAMAGE.—During a thunderstorm at Lancaster on May 11, the bursting of a street water-main caused flooding in the basement of premises in St. Nicholas Street occupied by Mr. R. S. Angus, pharmacist.

DISPENSING DISCOURAGED.—In the course of a sitting of the Leyton War Pensions Committee on May 7, it was stated that dispensing was "absolutely discouraged" by the Ministry of Pensions, as it "led to nowhere."

THEFT OF OPIUM.—Opium estimated to be worth 600l. was stolen on May 7 from a warehouse in Brushfield Street, London, E., occupied by Thomas Hodgkinson, Prestons & King, wholesale druggists. No arrest had been reported when we went to press.

SALE OF FOOD AND DRUGS ACTS.—At Kingston-on-Thames, on May 8, O. Wray, grocer, Surbiton, was fined 10l., with 5l. 5s. costs, for selling salad oil certified by the Surrey county analyst to be a coloured liquid paraffin. The price charged to the inspector was 3s. 6d. a pint.—At Kensington, London, on May 6, R. T. Riches, provision dealer, Hogarth Place, S.W., was fined 15l., with 36l. 15s. costs, for selling liquid eggs containing 118.139 gr. of boric acid per lb.—At Birmingham, recently, A. J. Foster, Wheeler Street, was fined 5l. for selling camphorated oil deficient in camphor.

FIRES.—Damage estimated at 15,000l. was caused by an outbreak of fire which occurred on May 8 at the premises of J. B. Lawes & Co., Ltd., manufacturing chemists, Atlas Works, Millwall, London, E.—The works of Parkin, Ness & Co., manufacturing chemists, Darlington, were destroyed by fire on May 13.—Damage estimated at 100l. was caused on May 9 by an outbreak of fire on the premises of Mr. H. T. Maundrell, chemist and druggist, Milton Regis. The cause of the outbreak was the boiling-over of a liniment.—The offices of the Anglo-Peninsula Mining and Chemical Co., Ltd., arsenic merchants, Fenchurch Street, London, E.C., were involved in an outbreak of fire that occurred on May 12; the damage was slight.

CHEMICAL SCHOOL ENDOWED.—The British oil companies have jointly contributed the sum of 210,000l. for endowing a chemical school at the University of Cambridge. The idea was inspired by Mr. R. Waley Cohen, managing director of one of the companies in the "Shell" Group, who himself holds a science degree taken at the University. It is hoped that many of those students who enter Cambridge with the idea of gaining a general education will be prompted to make chemistry the basis of their studies, so that they may be better able to appreciate the full value of scientific research as applied to industry. The great gulf which in the past has separated science from industry will, it is thought, be bridged by the present scheme. The existing faculty will be reorganised by Professor W. J. Pope.

MOTOR-SPIRIT LICENCES.—On and after May 17 motor spirit may be purchased without the production of a motor-spirit licence. Any holder of a full-duty or half-duty motor-spirit licence who has not been supplied with the total amount of motor spirit authorised to be supplied by his licence may apply to the Petrol Control Department for an appropriate repayment of duty, and such application must be accompanied by the licence in respect of which repayment is claimed. Repayment will not be made in respect of loose vouchers. Applications for repayment should be made as soon as possible after May 16, and addressed to the Petrol Control Department, 19 Berkeley Street, London, W. 1.

DYE IMPORTATIONS.—The Board of Trade has given notice that, in accordance with the procedure laid down in the White Paper (No. Cd. 9194) setting out the scheme for affording State assistance to the dye industry, the Trade and Licensing Committee have nominated the following as the Licensing Sub-Committee to deal with all questions relating to the administration of the Prohibition of Import (No. 29) Proclamation, 1919, prohibiting the import of dye-stuffs, etc., into the United Kingdom, viz.: Mr. W. E. Kay (Calico Printers' Association, Ltd.), Dr. A. Ree (Association of British Chemical Manufacturers), Mr. J. Turner (British Dyes, Ltd.), Mr. Thorp Whitaker (Bradford Dyers' Association, Ltd.). The Chairman of the Trade and Licensing Committee (Lord Colwyn) is also the Chairman of the Licensing Sub-Committee. The offices of the Licensing Sub-Committee are at Danlee Buildings, 53 Spring Gardens, Manchester.

IN THE COURTS.—At Ashby-de-la-Zouch, recently, a man named Mitchell was sentenced to three months' imprisonment for obtaining money by false pretences from two farmers. It was stated that he undertook to kill rats on their farms with a powder described as "dried poison-gas, used by the Germans on the English," the powder being afterwards found to consist of oatmeal.—At Elham, on May 8, E. H. S. Champneys was fined 2*l.*, with 1*l.* 1*s.* costs, for unlawfully acting as a qualified veterinary surgeon. It was stated in evidence that defendant had signed a certificate guaranteeing the fitness of some horses for shipping to Ireland.—At Hyde, Cheshire, on May 8, two Chinamen were respectively fined 25*l.* and 5*l.* for being in unauthorised possession of opium. Analytical evidence showed that 15 gr. of the opium contained $\frac{3}{4}$ gr. of morphine.—At West London Police Court, recently, two contractors were fined respectively 15*l.* and 6*l.*, and a greengrocer 6*l.*, for failing to notify cases of parasitic mange in horses.—A Canadian soldier, who was convicted at Westminster Police Court, on May 13, of being unlawfully in possession of a military pass and other papers, ascribed his mental condition to the use of heroin and morphine.—At Waltham Abbey, on May 13, a workman in Government employ was fined 2*l.* for stealing alcohol used in the manufacture of cordite. A witness stated that during the last few months hundreds of gallons of this alcohol had been missed.—At Old Street Police Court, London, on May 14, Charles Frederick Masters, charged on remand with obtaining money by false pretences from the Milton Manufacturing Co., Ltd., Bunhill Row, E.C. (C. & D., May 10, p. 48), was sentenced to four months' imprisonment.

Irish News.

Brevities.

Mr. J. S. Balmer, R.D., Bangor, has been appointed a sidesman of Bangor Parish Church.

The surgery carried on for many years by Dr. James Graham, City Coroner, at the corner of Ormeau Road and Ormeau Avenue, has been acquired as a branch shop by Mr. McRoberts, R.D., 71 Ormeau Road, Belfast.

Mr. F. T. Smith, J.P., R.D., Antrim (President of the Dental Association of Ireland), interviewed a number of Ulster Members of Parliament during his visit to London last week in connection with the position of druggists practising dentistry under the legislation shortly to be introduced.

At Castlederg, recently, a Crimes Court was held, at which ten men were charged with unlawful assembly and mischievous damage to property on the occasion of the Sinn Féin disturbance, when the windows of Mr. R. McCay, Ph.C., and other residents of the town were broken. The Court acquitted two of the accused, and sent the others to jail for a month, with a further two months in default of bail.

Dublin.

Mr. W. F. Whaley, Ph.C., is instructing a class of Army students in practical pharmacy and materia medica at Trinity College, Dublin. Mr. Whaley is a student of medicine in the University, and obtained first place, with honours, in the recent first-year anatomy examination.

Mr. W. Boulton Conyngham, Ph.C., advocated, in a recent issue of the "Irish Independent," an effort towards the organisation of a "Consumers' Middle Class League." Mr. Conyngham, who has been elected a Warden of the Mariners' Church, has lately been relieved of his duties at the Food Ministry. Lord Granard (Chairman) thanking him for his services. He is now taking up work again as commission and purchasing agent. Inquiries may be addressed to his temporary offices, 24 Lower Abbey Street, Dublin.

Scottish News.

Brevities.

Large works have been erected at Monikie for the manufacture of farina.

Mr. Alfred Kearney, chemist and druggist, has acquired the business of Mr. A. Cruikshank, Musselburgh.

Mr. C. P. Bayne, chemist and druggist, has acquired the business of the late Mr. John Strachan, Jedburgh.

Surgeon-General Sir William Babbie, V.C., son of the late Mr. John Babbie, Ph.C., Dunbarton, is to receive the LL.D. degree of Glasgow University on June 25.

On the first Sunday of this month about 1,500 pilgrims visited the Wishing Wells on Culloiden battlefield, and in many cases dropped in money to ensure a cure for their maladies. On the following day the sum of 10*l.* was dredged up and forwarded to a charitable institution.

Aberdeen.

Dr. James Mackenzie Booth, who has died at his residence in Carden Place, was consulting surgeon to the Aberdeen Royal Infirmary, lecturer on diseases of the ear, nose, and throat at the University of Aberdeen, and surgeon to the ear, nose, and throat department of the General Dispensary.

Professor C. R. Marshall, M.D., professor of materia medica and therapeutics at St. Andrews University, has been appointed to the Regius Chair of materia medica at the University of Aberdeen. Professor Marshall is known in scientific circles by his researches on cannabis indica, jaborandi, and organic nitrates. He read a paper before the British Pharmaceutical Conference at Dundee on the education of pharmacists (C. & D., II., 1902, p. 301), and gave an address to the Pharmaceutical Society's North British Branch in 1905 (C. & D., II., 1905, p. 827). In 1915 he was awarded the Makedougall-Brisbane Prize by the Royal Society of Edinburgh.

Edinburgh.

It is expected that May 28 will be a general holiday, as Sir Douglas Haig receives the freedom of the city on that day.

The Balmoral Hotel, Princes Street, has been purchased with the intention of making it the headquarters of the Scottish Ministry of Health.

Mr. Sclater (representing Raimes, Clarke & Co., Ltd.), who has been ill for several weeks, has now resumed business.

Edinburgh Royal Infirmary has received a contribution of 394*l.* from the employes of Young's Mineral Oil Co., Ltd., and one of 50*l.* from those of the Pumpherston Oil Co., Ltd.

The names of Mr. W. L. Beaumont (Harkness, Beaumont & Co., wholesale druggists, Junction Bridge) and Mr. Peter Boa occur in a list of the prize-winners in a recent angling competition on Loch Leven.

The latest half-yearly balance-sheet of St. Cuthbert's Co-operative Association, Ltd., shows net sales in drug department as follows: Bread Street, 3,624*l.*; Tyne-castle, 1,937*l.*; Hamilton Place, 1,110*l.*; Nicolson Street, 1,661*l.*; Montrose Terrace, 797*l.*; Haddington Place, 1,357*l.*

Speaking recently at a meeting of the Edinburgh United Free Church Presbytery, Mr. J. Rutherford Hill opposed a resolution expressive of sympathy with "conscientious objectors," and moved an amendment, which was eventually carried, to the effect that no action be taken by the Presbytery. He urged that there were thousands of men in the ranks who were anxious to get back to civilian life, who had recognised that they had a duty to perform to their country, and who had nobly done their duty despite their personal feelings. It would be time enough to give the conscientious objectors their liberty when the soldiers were released, he added.

Glasgow.

Structural alterations and additions to the works of R. & J. Garroway, Duke Street, are to be made.

Dr. R. Gibson Miller, whose death occurred on May 10, was an enthusiast in homeopathy. He was born in 1862.

At Glasgow Central Police Court, on May 12, A. Hart, contractor, was fined a total of 54*l.* 12*s.* for allowing a horse to be worked while suffering from parasitic mange and for failing to notify the disease.

A bronze medallion in memory of the late Sergeant John Mickle, V.C., has been unveiled by Mr. David Perry (Perry & Hope, Ltd., Nitshill and London). The medallion, which is the gift of Perry & Hope, Ltd., has been placed in Nitshill Public Hall.

Pharmaceutical Society of Great Britain.

Financial Statements.

General Fund Account.

Expenditure (two years compared).

	1917	1918
	£ s. d.	£ s. d.
Carrriage of Books and Parcels	2 11 4	7 19 5
Certificates of Death	23 1 7	25 9 9
Examinations: Minor and Major—		
Fees to Examiners and Travelling		
Expenses—		
England and Wales	380 8 0	384 17 10
Scotland	152 6 6	166 2 6
Refreshments—England and Wales ...	19 14 5	20 8 9
Scotland	15 19 11	18 0 0
Apparatus, Drugs, Chemicals, Print-		
ing, and sundry charges—England		
and Wales	148 2 6	188 8 11
Scotland	48 7 5	72 16 4
[Totals: 1917, £764 18s. 9d.; 1918, £850 14s. 4d.]		
Gas, Electric Light, Water, Coal, Cleaning,		
Materials, etc.	361 16 11	338 6 2
House Servants—Wages	425 11 6	459 8 0
"Pharmaceutical Journal"	2,025 16 7	3,123 10 6
Library:—Librarian's Salary	300 0 0	146 0 0
Purchase and Binding of Books,		
etc.	36 1 6	33 19 19
[Totals: 1917, £336 1s. 6d.; 1918, £179 19s. 5d.]		
Furniture	13 7 2	0 0 0
Law Costs	429 13 9	360 6 1
Museum:		
Curator's Salary	250 0 0	250 0 0
Assistant's Wages and Sundry Expenses		
for Bottles, etc.	100 17 2	109 12 9
[Totals: 1917, £350 17s. 2d.; 1918, £359 12s. 9d.]		
North British Branch:		
Resident Secretary in Scotland and		
Clerks—Salaries	599 15 0	647 0 8
Taxes and Insurance	103 1 4	94 8 11
Members of Executive—Travelling		
Expenses, etc.	38 11 11	81 11 1
Fuel, Light, Water, Cleaning, Service,		
and Miscellaneous Expenses	280 1 10	371 12 5
[Totals: 1917, £1,021 10s. 1d.; 1918, £1,194 13s. 1d.]		
Pensions	550 0 0	400 0 0
Pharmaceutical Meetings	17 15 8	25 13 3
Postage:—General	198 16 5	231 17 10
"Journal"	1,263 2 1	1,179 15 7
[Totals: 1917, £1,461 18s. 6d.; 1918, £1,411 13s. 5d.]		
Register of Chemists and Druggists ...	61 15 9	92 10 9
Rent, Taxes and Insurance	606 12 3	1,251 7 2
Premium on Leasehold Redemption Policies	128 2 6	128 2 6
Repairs, Alterations, Electric Service and		
Fittings	171 10 0	176 12 9
Salaries:—Secretary and Registrar ...	739 11 8	456 5 0
Clerks	1,808 13 0	1,993 19 2
[Totals: 1917, £2,518 4s. 8d.; 1918, £2,450 4s. 2d.]		
School of Pharmacy and Research		
Laboratory:—		
Stipends of Professors	1,062 10 0	1,000 0 0
Lecturer, Assistant Lecturer, Demon-		
strators, and Wages of Porters ...	598 13 6	722 5 6
Apparatus, Chemicals, Specimens for		
Lecture Classes, Prize Medals, Cer-		
tificates, Printing and Posting Pro-		
spectuses	440 2 6	512 15 10
[Totals: 1917, £2,101 6s.; 1918, £2,235 1s. 4d.]		
Bacteriological Laboratory	131 13 9	55 6 11
Stationery, Printing, and Office Expenses	443 4 2	639 4 6
Calendar of the Society	210 8 0	255 4 0
Sundries	6 12 5	12 1 2
Cost of conducting Prize and Scholarships		
Examinations	13 6 6	14 19 9
Medals and Certificates—Council and Her-		
barium Competitions	9 16 3	7 6 6
Travelling Expenses and Refreshments for		
Council	788 9 2	958 16 6
Local Associations and Parliamentary Ex-		
penses: Meetings, etc.	362 16 5	201 17 6
Telephone Service	27 9 0	30 0 7
Fees to Chartered Accountant	52 10 0	52 10 0
Staff Provident Fund	194 11 7	182 14 2
Annual Table of Constants, etc.	10 10 0	5 5 0
"The Chemists' Annual"	2 5 7	0 0 0
Subscription to Board of Scientific Societies	21 0 0	0 0 0
	£15,677 4 6	£17,490 11 9

Income (two years compared).

By Examination-fees:—		
Minor (265 in '17, 364 in '18)	1,885 15 0	2,257 13 0
Major (19 in '17, 22 in '18)	55 13 0	63 0 0
Registration-fees as Students (402 in '17,		
490 in '18)	844 4 0	1,029 0 0
Fees for Restoration to Register ...	27 6 0	23 2 0
Certificates of Qualification	28 12 0	27 4 0
Registration as Chemist and Druggist ...	12 12 0	0 0 0
[Totals: 1917, £2,841 10s.; 1918, £3,339 19s.]		

	1917	1918
	£ s. d.	£ s. d.
Interest on Investments:—		
Dividend on Port of London Authority		
Stock	62 6 8	60 19 0
Dividend on Water Board Stock ...	42 4 10	41 2 2
On Deposit at Banker's	52 0 11	29 16 7
Dividend on War Stock	162 11 6	180 12 0
	319 3 11	312 9 9
Less Interest on Loan from Benevolent		
Fund, etc.	55 0 0	147 3 8
	264 3 11	165 6 1
Ground-rents	412 10 0	391 17 6
Net Rent of 15 Bloomsbury Square ...	145 10 0	138 4 6
[Totals: 1917, £822 3s. 11d.; 1918, £695 8s. 1d.]		
School-fees	709 5 2	519 7 0
Grant from the Board of Education ...	279 0 0	203 18 0
Subscriptions:—		
Members (8,182)	8,645 14 0	8,591 2 0
[596 Subscriptions remitted.]		
Student Associates (528)	253 1 0	277 4 0
[123 remitted.]		
Life Subscriptions	514 10 0	462 0 0
[Totals: 1917, £9,413 5s.; 1918, £9,330 6s.]		
"The Chemists' Annual"	0 0 0	2 0 0
Pharmaceutical Press Publications ...	0 0 0	47 19 8
British Pharmaceutical Codex—Balance		
of Account	129 2 2	155 17 9
Pharmaceutical Pocket Book	42 18 7	66 5 7
	£14,245 16 10	£14,826 1 1
Balance from Accumulated Funds ...	1,431 7 8	2,664 10 8
	£15,677 4 6	£17,490 11 9

The balance-sheet of the General Fund and the accounts of the Benevolent Fund, the War Auxiliary Benevolent Fund, the Orphan Fund, Scholarships Funds, and Waterall Legacy are given, and, in addition, the balance-sheet of the Local Associations Executive. From the last-named it appears that the expenses of the Executive were 348l. 9s. 11d., and those of the Checking Bureau 2,246l. 19s. 10d., making, together with a balance of 223l. 9s., a total of 2,819l. 18s. 9d.; levies on Pharmaceutical Committees amounted to 2,810l. 8s. 11d., and interest on deposit to 8l. 9s. 10d.

North British Branch.

A MEETING of the Executive was held at 36 York Place, Edinburgh, on April 30, Mr. William Giles in the chair. There were also present: Messrs. Arthur, Cowie, Drummond, Forbes, Giles, A. Gilmour, Guthrie, Jack, McKenzie, McMillan, Murray, Nesbit, Ramsay, Storrar, and Thomson.

THE CHAIRMAN said before proceeding to the business he thought it would be their unanimous desire to congratulate the Secretary of the Society, Sir William S. Glyn-Jones, on the distinguished honour which had been conferred upon him, and this was agreed to.

CONFERENCE OF LOCAL ASSOCIATION DELEGATES.

It was reported that the deputies who attended the Conference of Local Association Delegates in London on April 23, and 24 had submitted the following points as agreed upon at the last meeting of the Executive.

(1) The distance and cost of travelling make it difficult for Scottish representatives to attend a Conference in London.

(2) The different conditions regarding the practice of pharmacy in Scotland, and the fact that National Health Insurance work, so far as terms of service are concerned, is managed by a distinct and separate organisation, requires the maintenance of a distinct Scottish local organisation.

(3) While maintaining this distinctive Scottish local organisation, it is desirable that Scottish opinion should be effectively submitted and considered at any Conference in London at which matters affecting Scotland equally with England and Wales are discussed and determined. It is also desirable to secure co-operative action where possible on all matters of common interest.

(4) These objects might be attained by the Executive of the North British Branch appointing representatives to the London Conference from their own number. In addition one representative each might be appointed by the group of Local Associations for which Aberdeen, Dundee, Edinburgh, and Glasgow respectively are the convenient centres.

(5) That would mean four representatives appointed by Scottish Local Associations, and if the Executive appointed an equal number that would provide eight Scottish representatives for the London Conference.

(6) A General Conference of Scottish pharmacists might be held each year prior to the London Conference, at which representatives could be appointed with instructions for the London Conference.

(7) The means by which local organisations in Scotland can be linked up with the Local Associations Executive in England and Wales would be a matter for detailed adjustment.

They had met with a very cordial and friendly reception. The Conference had agreed that a small Committee of the Local Associations Executive should be appointed to confer

with representatives of the North British Branch in adjusting details for linking up Scottish organisation with the Local Associations Executive.

The Executive adjourned to meet again at the close of the general meeting of Scottish pharmacists.

On resuming, it was agreed to communicate at once with Local Associations and Divisional Secretaries with reference to the resolution adopted as to the urgency of setting up a union of employés for the whole of Scotland. It was also agreed to report to the Council what had been done, so that immediate steps might be taken for carrying out the resolution of the general meeting with reference to the setting-up of the Drug Trade Industrial Council which the meeting had agreed upon.

Cocaine Cases.

At Marlborough Street Police Court, London, on May 10, A. A. Toose, charged with being in unauthorised possession of cocaine (*C. & D.*, May 10, p. 48), was discharged under the Probation of Offenders Act.

At Tower Bridge Police Court, on May 10, Sapper H. J. C. Draper, R.E., was charged with attempting to administer cocaine to a Mrs. Beard in a public-house and with having cocaine in his possession. It was alleged by Mrs. Beard that the prisoner put cocaine into her beer. When arrested he produced a yellow bottle, declaring that he purchased the contents for boracic powder. It was stated that the bottle contained over 200 gr. of cocaine. A remand was ordered.

At Marylebone Police Court, on May 12, Richard Peter Colgan (60), Baker Street, W., described as a dispenser, was charged with being in unauthorised possession of cocaine during the past six months. He pleaded "Not guilty." Evidence of arrest was given by a detective-inspector, who stated that when the prisoner was searched no cocaine was found on him. Mr. C. V. Hill (defending): The prisoner is chief dispenser at the Prince of Wales Hospital for Officers (formerly the Great Central Hotel), in Marylebone Road. The Inspector: I am told he is not actually a dispenser, but rather a storekeeper. Colgan: No. I am chief dispenser. The existence of letters bearing on the charge having been mentioned, a remand was ordered.

In Edinburgh Sheriff Court, on May 8, an Edinburgh doctor and chemist were involved in technical charges in connection with the supply of cocaine. The doctor admitted giving a patient a prescription for the supply of cocaine, and failing to mark it with the words "Not to be repeated," as required by the Defence of the Realm Regulations, but said he prescribed for the man a gargle which contained carbolic acid as well as cocaine, and these could not be separated. The Fiscal said it was a quite natural oversight, but the difficulty was that the words "Not to be repeated" and the date of the dispensing of the prescription were two of the chief checks imposed by the Order, and the authorities were very anxious that the rules about cocaine should be particularly observed. This was the first case of its kind in the city. An agent pleaded "Guilty" on behalf of the chemist to the charge of dispensing the prescription without the necessary words and date. Though he did not put the date on the prescription, he said it was entered in his official register, and there was no suggestion he was attempting to evade even the spirit of the Act. The Sheriff imposed a fine of 1*l.* in each instance.

Business Changes.

S. MARSHALL & Co., 78 High Street, Kingsland, London, E. 8, have purchased the business of Mr. O. O. Edmunds, trading as Oliver & Co., Ltd., at 487 High Road, Tottenham, N. 17, as from October 26, 1918.

Mr. J. W. GEE, chemist and druggist, has joined the directorate of J. R. Cave, Ltd., chemists, 52 Nevill Street, and 77 Wennington Road, Southport, as successor to the late Sergeant C. S. Royston, R.F.A. Having decided to devote themselves entirely to the chemist's business, J. R. Cave, Ltd., have disposed of the photographic branch carried on by them for the past eighty years at 169 Lord Street, to Nash, Kenyon & Co., Ltd.

South African News.

(From "C. & D." Correspondents.)

"The Chemist and Druggist" is supplied weekly to members of all the Chemists' Societies in South Africa.

NEW INDUSTRIES.—Among the new industries established in South Africa during the war are the manufacture of calcium carbide, bleaching-powder, ammonia sulphate, alcohol motor fuel, the production of arsenic, manufacture of starch from maize, antimony smelting, manufacture of glass bottles, and manufacture of raw wax from by-products of sugar-cane.

A YEAR'S CHEMICAL AND DRUG IMPORTS.—During the twelve months ended December 1918, the imports of drugs, chemicals, and apothecaries' wares into the Union amounted in value to 1,254,223*l.*, compared with 1,000,606*l.* for 1917. Among the more interesting items were apothecaries' wares of all kinds valued at 90,234*l.*, compared with 77,110*l.*, and medicinal preparations, 147,558*l.*, against 122,038*l.* in 1917. Unenumerated drugs and chemicals were imported to the extent of 335,854*l.*, against 201,004*l.*, and of disinfectants and germicides the imports were 114,886*l.*, against 81,391*l.* Altogether there was a distinct revival in business during last year, and it is anticipated that it will be continued during 1919.

DRUGS AND CHEMICALS REVIEW.—In the course of the annual report of the Cape Province Manufacturers' Association it is stated that "the year was a remarkably good one for those operating in drugs and chemicals. Manufacturers have been limited in their output only by want of certain containers and raw materials not produced in the Union. Still, taking everything into consideration, they have every reason to be satisfied with the progress made. The supply of bottles has been a source of great anxiety, and the absence of a bottle factory, working on a commercial scale, is greatly deplored. Some months back the Imperial authorities placed an embargo on quinine, which created a break in supplies, but this has since been made good by direct importation from Java. Recent cable information from the Dutch East Indies stated that the export of quinine was to be prohibited, but supplies are still coming forward. Glauber and Epsom salts of a good grade are now being made in the Union; sulphuric, hydrochloric, and nitric acids, both pure and commercial, are being produced on a large scale, and nut oil of a high grade is also being produced. Experiments have been made, and are still being made, in the growing of medicinal roots and herbs. The results so far have not been very favourable, but patience and time in selecting proper soils and climate will no doubt bring satisfactory returns for capital invested."

PROPOSED INCREASE IN SPIRIT DUTIES.—The South African Minister of Finance on February 24 intimated that he proposed to consider the increase of the import duty on spirits to the extent shown in the following table:

Article	Duty under 1916 Tariff	Proposed Duty
SPIRITS—		
(a) Perfumed, per Imperial gallon	£ s. d. 1 5 0 plus 10% ad valorem	£ s. d. 1 11 6 plus 10% ad valorem
(b) Liqueurs, cordials and mixed spirits, exceeding 3 per cent. of proof spirit per Imperial gallon	1 4 6 or 25% ad valorem, whichever duty is greater	1 11 0 or 25% ad valorem, whichever duty is greater
(c) Other sorts, exceeding 3 per cent. of proof spirit per Imperial gallon	1 3 6	1 10 0
[NOTE.—No allowance will be made for underproof in excess of 15 per cent.]		
(d) Medicinal and toilet preparations and essences (liquid), syrups and tinctures, containing over 3 per cent. of proof spirit, per Imperial gallon	1 4 6 or 25% ad valorem, whichever duty is greater	1 11 0 or 25% ad valorem, whichever duty is greater

It is also proposed in the notice of the Minister of Finance to reimpose certain of the increased Customs and Excise duties at present in operation in the Union under the Customs Amendment and Excise Duties Extension Act, 1915 (No. 22 of 1915), as subsequently amended. These increased duties terminate, unless otherwise enacted, on June 30, 1919.

Legal Reports.

Malt-extract Empties.—In the City of London Court, on May 8, before Sir John Paget, K.C., a claim was made by Joyce & Co., 25 Monument Street, against Mr. E. N. Russell, 28 Ocklynge Road, Eastbourne, for 15*l.* 5*s.*, the value of malt-extract drum not returned to them. Defendant wrote to the Court to say that the drum was supplied with the malt extract which he had paid for. Plaintiffs could have the drum if they wanted it, but they had no right to sue him. The Deputy Judge said he was not going to give any heed to letters. Judgment for the plaintiffs, with costs.

Insurance Liability.—Before Mr. Justice Bailhache last week, the Hooley Hill Rubber and Chemical Co., Ashton-under-Lyne, appealed on a legal question against an award by an arbitrator which held that the fire insurance companies concerned were not liable to damage caused by the explosion of trinitrotoluene which was caused by a fire on the premises of the company. The Hooley Hill Co. contended that the explosion was an incident in the course of the fire, and that the proximate cause of the whole loss was the fire. His Lordship, however, said the award must stand, and dismissed the application, with costs.

War Bonuses.—In the City of London Court, on May 8, before Sir John Paget, K.C., Daniel Pearman, 7 Laurence Pountney Hill, claimed 7*l.* 10*s.* from the Asiatic Petroleum Co., Ltd., Great St. Helen's Court, E.C., as a bonus in addition to salary declared by the defendants to be due to all the members of their temporary staff and paid by them to all such members except the plaintiff at the rate of 16*s.* 8*d.* per month for each month of service. Mr. Sinclair Cox, for the plaintiff, stated that both parties regarded the case as one of considerable importance, which was in no way commensurate with the mere money involved. After a long hearing the Deputy Judge said he thought they had heard enough of war bonuses to know what they meant. The case was very interesting. Plaintiff did not enter the service with an expectation that he would get a war bonus. On all the points raised he must find for the defendants, with costs.

Indian Mustard-seed.—The case of Gaskain *v.* Volkart Brothers and L. M. Fischel & Co., which was heard last week by Mr. Justice Bailhache, referred to a contract for mustard-seed. The defendants Volkart were exporters of Indian mustard-seed, which they supplied in two qualities—"M.S." and "S.P.V.B." The latter, an inferior quality, was seldom brought into the United Kingdom, but in 1915 two consignments were diverted to Hull, and were sold by defendants Fischel to purchasers in America. Samples were deposited as usual with the Oil Seeds Committee, and the goods were admittedly equal to the sample, but the question to be decided was whether the seeds corresponded with the description which Volkarts had given to them. The "S.P.V.B." brand was 15 to 26 per cent. mustard-seed, the remainder being chiefly rape-seed. Could it, therefore, be reasonably called Indian mustard-seed? The Judge decided for plaintiff, holding that there was such an excess of seeds other than mustard-seed as to make the commodity different from that usually sold under the description "Indian mustard-seed."

Commission Claim.—An action to recover 775*l.*, commission said to be due on contracts with the French Government for the supply of bandages, absorbent gauze, cotton wool, and other hospital requisites, was brought in the King's Bench Division on May 12, before Mr. Justice Lush, by the Anglo-French Supplies, Ltd., Strand, against Lambert & Lambert, Ltd., Wellington Street, Hull. Defendants denied liability. Mr. Schwabe, K.C., and Mr. C. J. Conway appeared for the plaintiffs, and Mr. J. B. Matthews, K.C., with Mr. Rayner Goddard, for the defendants. Plaintiffs' case was that large contracts were entered into between the defendants and the French Government as the result of an introduction, arranged by plaintiffs, with Guibert & Martin, Paris. Defendants said Mr. Schwabe, agreed to pay plaintiffs a commission of 5 per cent. on business transacted. The commission to Guibert & Martin was agreed at 7½ per cent. Two contracts dated September 30 and October 2 were entered into, and ran their course up to a point when, it was contended, defendants broke their contract with the French Government, who then refused to take further goods. Plaintiffs' commission would have amounted to 750*l.*, which they claimed. Defendants, he understood, said they were excused payment on account of a fire which affected their business. The contracts were very big ones, and the idea seemed to have occurred to defendants how much nicer it would be to deal direct with Guibert & Martin, and thus squeeze out the plaintiffs.

This they proceeded to do, and they did a very large trade indeed with the French Government, the details of which they refused to give to the plaintiffs. Mr. Matthews, K.C., said defendants denied a verbal agreement other than the written contract, to the effect that commission should be paid on all business introduced. There was no arrangement which prohibited defendants from doing business with Guibert & Martin direct. Evidence was given by Mr. Edwin Potter Carpenter, formerly one of the directors of the plaintiff company, who said that in an interview in connection with the contract he estimated that the business transacted might amount to 100,000*l.* Baron Eugene de Fersen, a director of the plaintiff company, said he told a representative of the defendants that he (the witness) knew that business had been done between Lambert & Lambert and the French Government, of which plaintiffs were not supposed to know anything. For the defence Mr. Matthews, K.C., argued that the clause in the contract letter, "This agreement applies to all future orders received from the French Government in the same manner," only referred to contracts between defendants and plaintiffs jointly and the French Government. Defendants sold goods to the French firm, but they could not say whether or not they went to the French Government. There was no evidence that any order had been obtained from the French Government. He submitted that there was no case to answer. His Lordship ruled that defendants had a case to answer. At the adjourned hearing on May 14, judgment was given for the plaintiffs for 760*l.* 5*s.* 6*d.*

Manufacture of Saccharose.—In the Court of Session at Edinburgh on May 13 actions were heard by Lord Hunter in which the Saccharose Chemical Co., Manchester, and Mrs. Lilian Gillbanks, the sole partner of the company, sued James Dunbar, Ltd., aerated-water manufacturers, Edinburgh, and A. G. Barr & Co., Ltd., aerated-water manufacturers, Glasgow, for the price of certain quantities of saccharose supplied. In both actions defendants set up counterclaims for damages in respect of a breach of warranty of description given by the plaintiffs' agent as to the sweetening quality of the goods. In the first action the defendants also counter-claimed for damages in respect of the plaintiffs' failure to deliver 26 lb. of saccharose according to contract. Lord Hunter found that defendants were entitled to claim diminution of 75 per cent. of the price sued for in respect of 28 lb. of saccharose and 60 per cent. in respect of the balance of 12 lb. His Lordship also sustained their counter-claim for 112*l.* in respect of the non-delivery of 28 lb. In the other action his Lordship assessed the defendants' claim of damages at 60 per cent. of the purchase price. His Lordship said that in 1903 the pursuer's husband, Harry D. Gillbanks, was engaged in selling saccharin which was sold with a number to approximately indicate its sweetness. Saccharin 300 meant saccharin 300 times sweeter than pure cane sugar. As the result of experiments in 1904-5 undertaken to get rid of the metallic taste of saccharin when used in beverages, Mr. Gillbanks produced saccharose, consisting of a mixture of sugar and saccharin, but his Lordship had difficulty in seeing that Mr. Gillbanks made any new discovery. Saccharose was originally sold as saccharose 500 and saccharose 550, and the process of manufacture consisted in the mechanical mixture of saccharin powder with sugar powder ground so fine as to be indistinguishable from saccharin powder. The whole work of production was originally undertaken by Mr. Gillbanks. Latterly the work was undertaken by a woman, who stated that she always mixed 7 lb. of saccharin with 12 lb. of sugar, and the saccharose 500 and saccharose 550 were exactly the same mixture. She was the only employee of the company, which advertised that saccharose was made in England by English capital and labour. During the war the duty on saccharin was greatly increased, and the price of saccharose was raised by the full amount of the duty, although it contained more than 50 per cent. of sugar, on which the duty was much less. An expert witness described the labels on the saccharose tins as "all business camouflage." His Lordship said he considered them fraudulent. The main question was whether the plaintiffs had represented to the defendants that the saccharose sold to them had a sweetening power 550 times greater than cane sugar. They stated that the plaintiffs' agent had represented expressly that saccharose 550 was 550 times as sweet as sugar. The plaintiffs gave this statement an express denial. It appeared to his Lordship that the defendants succeeded upon all the main issues of fact raised in the case. For the purpose of estimating damages, his Lordship took the difference in sweetening power of the saccharose supplied as compared with the sweetening power it should have had if the representation made by the plaintiffs had been fulfilled as giving, with substantial accuracy, the difference in value referred to in Section 53 (3) of the Sale of Goods Act.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

C. F. PAIN, LTD. (P.C.).—Capital 1,000*l*. Objects: To carry on business as chemists, mineral-water sellers, fancy and photographic goods dealers, tobacconists and general storekeepers, and to enter into an agreement with H. Pain, R.O., 1 Lower Road, Chorley Wood, Herts.

INNES & SON (STALYBRIDGE), LTD. (P.C.).—Capital 3,000*l*. Objects: To acquire the business of pharmaceutical chemists formerly carried on by David Innes, Stalybridge, and to enter into an agreement with Herbert Hall, of 32 Wyre Grove, Blackpool, and D. Innes, R.O., 47 Melbourne Street, Stalybridge.

ANGELIQUE CHEMICAL CO., LTD. (P.C.).—Capital 6,000*l*. Objects: To carry on business as soap and candle makers, seed brush and paper makers, varnish manufacturers, manufacturers of essences, perfumes, dentifrices, patent medicines, ointments and toilet preparations, etc. R.O., 42 Waterloo Street, Hammersmith, London, W.

NEW ERA CHEMICALS, LTD. (P.C.).—Capital 6,000*l*. Objects: To acquire from John Nelson & Co., 86 St. Vincent Street, Glasgow, their rights, benefits, and obligations under an agreement of services between themselves and W. C. White, technical chemist, Glasgow, and to carry on the business of chemical manufacturers and merchants, etc. Solicitor: J. Barry, 3 Oliver Place, Harwich.

MORISON & Co., LTD. (P.C.).—Capital 2,400*l*. Objects: To take over the business of a pill and medicine maker and vendor carried on by Sir Theodore Morison (as trustee of the will of James Morison, and of a deed of family arrangement dated 1846), at 19 Percy Circus, King's Cross Road, London, as "Morison & Co." The directors are: Miss C. V. Morison, 48 Penywern Road, S.W. 5; Mrs. H. C. Ludby, Slade Studios, Jenner Road, Guildford; and Miss M. Morison, The Bungalow, Quarry Woods, Marlow.

LODGE FUME CO., LTD. (P.C.).—Capital 100,000*l*. Objects: To take over the business of manufacturers of and dealers in appliances for the deposition of dust, fume, smoke, fog and mist, etc., carried on by the Lodge Fume Deposit Co., Ltd., of Birmingham, and to carry on the business of electrical and general engineers, analytical, bacteriological, and general chemists, etc., and to adopt an agreement between the said company and G. F. B. Flint, its liquidator, of the first part, Sir Oliver Lodge of the second part, Lionel Lodge of the third part, and this company of the fourth part. R.O., 51 Great Charles Street, Birmingham.

NATIONAL SULPHURIC ACID ASSOCIATION, LTD.—Registered as a company limited by guarantee, with an unlimited number of members, each liable for one guinea in the event of winding-up. Objects: To establish the sulphuric acid industry of the United Kingdom on a permanently prosperous basis commercially and scientifically, having regard to the necessity of its maintenance as a key industry in relation to the needs of other industries (particularly in time of war); to promote the discussion of all questions affecting the interests of the said industry; to create new outlets for the consumption of sulphuric acid; to devise means of disposing of surplus sulphuric acid production; to give effect, so far as lawfully may be, to the recommendations contained in "The Report of a Departmental Committee on the Post-War Position of the Sulphuric Acid and Fertiliser Trades," appointed by the Minister of Munitions in February 1917; to promote excellence, economy, efficiency, and co-operation in relation to the manufacture and distribution of sulphuric acid, etc. There are to be (a) ordinary members, who shall be the signatories to the memorandum of association or the corporations represented by them, persons engaged in the United Kingdom as manufacturers of sulphuric acid, whether for their own industrial needs or for sale, etc.; (b) delegate members, who shall be delegates of affiliated Associations; and (c) honorary members, who shall be persons nominated for special services or special cause. Every member must be British subject or British corporation. The minimum annual subscription payable by ordinary members is one penny per ton on such sulphuric acid 123° Tw. (or other grade of acid calculated according to that equivalent) as is produced and sold by the member or corporation, and one halfpenny per ton on such acid (calculated as 123° Tw.) as he or they may produce for his or their own industrial needs. The subscription payable by delegate members shall be fixed by the Council in each case on election. The subscription of a representative member

is to be calculated on the output of the works represented by him. The first Council is to consist of H. Bamford (Lawes' Chemical Manure Co., Ltd., London), F. Berk (F. W. Berk & Co., Ltd., London), R. M. Bewick (United Alkali Co., Ltd., Liverpool), H. R. Burnet (Leathers Chemical Co., Ltd., Bradford), G. Y. F. Campbell (Nobel's Explosives Co., Ltd., Glasgow), E. P. Chance (Chance & Hunt, Ltd., Oldbury), A. T. Cocking (Kynoch, Ltd., Birmingham), A. P. Cross (J. & J. Cunningham, Ltd., Leith), E. J. Gibbins (the Melinarythan Co., Neath), J. N. Holden (Hardman & Holden, Ltd., Manchester), Alderman W. Kay (Superintendent, Gas Department, Town Hall, Manchester), G. A. Knowles (Cwmbran Chemical Co., Ltd., Cwmbran, Mon.), F. L. McLeod (R. & J. Garroway, Glasgow), J. Milne (W. & H. M. Goulding, Ltd., Dublin), M. Muspratt (United Alkali Co., Ltd., Liverpool), A. Nieholson (Joseph Nicholson & Sons, Ltd., Leeds), W. Packard (E. Packard & Co., Ltd., Ipswich), Sir Wm. Pearee, M.P. (Spencer, Chapman & Messel, Ltd., London), R. G. Perry (Offehurch Hill, Leamington), S. Sadler (Sadler & Co., Ltd., Middlesbrough), W. A. Short (United Alkali Co., Ltd., Liverpool), H. Spence (Peter Spence & Sons, Ltd., Manchester), T. Thornley (Alexander Cross & Sons, Ltd., Glasgow), R. Waterfall (Avon Manure Co., Ltd., Bristol), D. M. Watson (Gas Light and Coke Co., London), L. Winsloe (Tennants, Lancashire, Ltd., Manchester). Ordinary members are to be classified into (1) the London and Eastern Counties Section, (2) the West of England and South Wales Section, (3) the Midlands Section, (4) the Lancashire, Cheshire, and North Wales Section, (5) the Yorkshire and Lincolnshire Section, (6) the North of England Section, (7) the Scottish Section, and (8) the Irish Section. S. Mount and J. K. Stewart are joint secretaries. R.O., 166 Piccadilly, London, W.

SHEPPARDS CHEMICAL WORKS, LTD.—This company is being wound up. Mr. A. F. Sharp, 23 Imperial Buildings, Ludgate Circus, E.C., is liquidator.

COMPANIES WHICH MAY BE WOUND UP.—Three months from April 11 the names of the undermentioned companies will, unless cause is shown to the contrary, be struck off the Register and the companies will be dissolved: Bew's Remedy Co., Ltd.; Empire Direct Aërated Water Co., Ltd.; Kirk's Drug Stores, Consett, Ltd.

AYETON, SAUNDERS & Co., LTD., are making an issue of 75,000 7½ per cent. "A" preference shares of 1*l*. each, full particulars of which will be found in our advertising columns. The subscription list will open on Saturday, May 17, and close on or before Saturday, May 24. As stated by the auditor, the profits are sufficient to pay the dividend on the existing 5 per cent. preference shares and the present issue of 7½ per cent. "A" preference shares three times over.

LEVER BROS., LTD.—The issue of 6½ per cent. "B" Preference capital has been largely over-applied for, and the subscription-list was closed on Tuesday evening (May 6). Applications were also considered by first post on Wednesday morning.—Mr. E. Leonard Cook (Chairman of Edward Cook & Co., Ltd., Bow), Mr. Ernest Walls (Chairman of Christopher Thomas & Bros., Ltd., Bristol), and Mr. C. R. Baker (director of Joseph Watson & Sons, Ltd., Leeds) have been elected to seats on the board.

NATIONAL DRUG AND CHEMICAL CO. OF CANADA.—The report for the year ended January 31, 1919, states that, after paying all trade expenses, salaries to directors, etc., providing for bad debts, and deducting dividends paid, a balance remains of 26,371*l*. Trading profit, after making provision for war taxation, amounted to 59,058*l*. During the year the company placed in the hands of the trustees for first preference shareholders, for the purchase of shares by way of redemption, the sum of 7,500*l*., and in addition 4,233*l*. representing the dividends on redeemed shares. The number of shares redeemed during 1918 amounted to 12,926, bringing the total up to 73,824 at February 1 last, and 8,337*l*. remained in the hands of the trustees.

A PAYING GAME.—"Happy at any rate is the lot of the Soap King, whose impromptu fits at every street corner in London brought in so much charitable cash. He and his partner . . . are now living in a pleasant suburban villa and devoting their illimitable leisure to reading metaphysics and growing tea-roses. There are times when their hearts turn back to the old busy adventurous days . . . and then the Soap King takes a little knob of Brown Windsor out of his waistcoat pocket and slips it into his mouth. There he sits in silence as the moon rises, chewing a retrospective quid, and gently feasting at the mouth."—*E. B. Osborn in the "Morning Post."*

Organising the Drug-trade.

A Nottingham Meeting.

A WELL-ATTENDED meeting of retail employees was held on May 12 to discuss the organisation of employees and to appoint representatives to attend Sir William Glyn-Jones' forthcoming meeting at Birmingham. Mr. E. E. H. Turton, chemist and druggist, presided. It was decided to form a branch of the National Chemists' Assistants' Association for Nottingham. A resolution was passed protesting against the proposed by-law admitting apothecaries' assistants to the Register. Messrs. C. E. Reynolds, A. Ringer, R. Clarke, Stevenson, Franklin, and Revill were appointed to attend the Birmingham meeting.

A Start at Sheffield.

A FAIR number of assistants attended a recent meeting, held under the auspices of the National Warehouse and General Workers' Union, to consider the proposed Industrial Council for the drug-trade. Mr. Davidson, assistant with Boots, Ltd., volunteered to act as Chairman after the honour had been declined by several of those present. Messrs. Beardmore and Robinson (union officials) addressed the meeting, and claimed that their union would have three representatives on the Industrial Council, as well as the support of a large body of workers, including the staff of Lever Bros., Ltd. It was stated that the Pharmacists' Union was too weak, and that any scheme put forward by employers should be looked upon with suspicion. It was decided to form a branch in Sheffield.

Midland Assistants and Employers.

SIR WILLIAM GLYN-JONES addressed a meeting of Midland assistants at the Temperance Hall, Birmingham, on May 14 on "Organisation for Chemists' Assistants." Mr. H. O. Lloyd (President of the Birmingham Pharmaceutical Association) was in the chair. Before the proceedings started a question was put from the hall as to whether any employers were present. The Chairman replied that if any employers were in attendance he would ask them to leave. The only employers there, he understood, were himself, as President of the Local Association, and Mr. Smith, who attended in his capacity as Secretary. Sir William Glyn-Jones followed on the lines of his speech before the London assistants (*C. & D.*, May 10, p. 50), explaining the advantages of an Industrial Council over a Trade Board, and his message to them was to get into the organised ranks. The Pharmaceutical Society were pledged not to recommend any particular organisation. He had been dealing with the cases of 700 to 800 demobilised men who had asked to be excused from the Preliminary examination. In many cases they had been the cheapest form of sweated labour. In answer to a question, Sir William expressed the view that employers and employees would alike suffer if a Trade Board were set up instead of an Industrial Council. He informed a Worcester delegate, who said that there was no kind of organisation in his district, that it was up to existing organisations to bring their claims before the assistants, who would be free to join which they liked. He also stated that no resolution could be taken at that meeting, but the delegates from the different towns could get together, after the meeting, and talk the matter over. Mr. Moss (Birmingham) gave Sir William an assurance that "something would be done," and he obtained the Chairman's permission to make a copy of the list of those present with this in view.

Meeting of Edinburgh Assistants.

A LARGELY attended meeting of retail chemists' employees, convened by the Edinburgh Chemists', Assistants', and Apprentices' Association, was held in the Pharmaceutical Society's Hall, 36 York Place, Edinburgh, on May 9. Mr. H. W. Blair (Vice-President), in the chair, stated that with regard to a Drug Trade Industrial Council for Scotland the two points to be considered were: "Shall we form a retail chemists' employees' union?" and "How shall we proceed to do so?" Mr. H. R. Nightingale briefly summarised the circumstances leading up to the meeting, and explained the difference between a compulsory Trade Board and a voluntary Industrial Council. They do not wish to place themselves in the hands of strangers, but to have a union of their own craft. Of the various unions seeking their support there was one which seemed distinctly appropriate to employees engaged in retail pharmacy—the Amalgamated Society of Pharmacists, Drug and Chemical Workers, of which Mr. Herbert Skinner was President. He (Mr. Skinner) was likely to be in Glasgow (May 16),

where a provisional arrangement had already been made for setting up a branch. They might be able to get Mr. Skinner to address a meeting in Edinburgh also on an early date. A resolution to form or join an employees' trade union was carried, and the following officers and Committee were appointed to consider and report on the matter: *Convener*, Mr. H. R. Nightingale; *Secretary*, Mr. A. Cairns; *Committee*, Misses Jessie Findlater, Isabella Galloway, Annie Wallace, and Betty Wann; Messrs. G. M. Abereromby, R. C. Burton, John Crawford, G. H. Davidson, Peter J. Grant, Frank Hart, Norman M. Lindsay, James Ross, George Watt, and Adam Waugh.

Scottish Pharmaceutical Federation.

At the mass meeting of Scottish chemists, held in Edinburgh on April 30 (*C. & D.*, May 10, p. 50), Mr. W. W. Brown (Edinburgh) moved, Mr. McKenzie (Glasgow) seconded, and it was agreed to by a majority—

That a Federation on trade-union lines, to be known as "The Scottish Pharmaceutical Federation," be herewith established, and that this meeting of Scottish pharmacists (masters) pledge themselves to such a scheme and appoint a Committee to draw up a constitution and bring the scheme into being.

The following were appointed as a Committee: Messrs. Arthur, Guthrie, McEwan, McKenzie, and Murchie (Glasgow), Messrs. Muir, Brown, Dick, Duncan, Hall, Nisbet, and Tainsh (Edinburgh), Mr. Forbes (Perth), Mr. Giles (Aberdeen), Mr. Jack (Arbroath), Mr. McMillan (Glasgow), Mr. McNab (Gorebridge), Mr. Reekie (Hamilton), Mr. Russell (Greenock), Mr. Stephen (Dundee), Mr. Stewart (Kirkcaldy), Mr. Hill (Rothesay), and Mr. McVittie (Glasgow). Mr. Murray (Glasgow) was appointed Secretary. The first meeting of the Council of the Scottish Pharmaceutical Federation was held at 36 York Place, Edinburgh, on May 8, when there were present: Messrs. Arthur, McKenzie, McMillan, and Murray (Glasgow), Messrs. Brown, Dick, Duncan, Hall, Muir, and Tainsh (Edinburgh), Mr. Nesbit (Leith), Mr. Jack (Arbroath), Mr. Giles (Aberdeen), Mr. McNab (Gorebridge), Mr. Russell (Greenock), and Mr. Stephen (Dundee). Mr. McNab (Gorebridge) moved that Mr. Jack (Arbroath) be elected *President*; this was agreed to by a majority. Mr. McNab was elected *Vice-President*, and Mr. Murray (Glasgow) *Secretary and Treasurer*. The Council discussed the objects of the Federation, and the President outlined the objects as being the promotion, protection, and development of the trade-interests of all retail pharmacists on trade-union lines. It was agreed that the annual subscription would be 1*l.* 1*s.* per year, while any chemist could become a guarantor for 5*l.* or more; this would be in the form of a loan, and would bear interest at 5 per cent. Arrangements were made to establish branches of the Federation all over Scotland, and a special Sub-Committee consisting of Mr. McNab, Messrs. Muir and Brown (Edinburgh), and the Secretary, were appointed to draft a constitution and submit it to the members of the Council, and thereafter to each individual chemist in Scotland, with an appeal to join the Federation. Meetings will be held all over Scotland, so that branches can be set up.

The Peace Treaty.

THE Peace Treaty, which was handed to the German plenipotentiaries at Versailles on Wednesday, May 7, contains several economic clauses of direct interest to the chemical and drug trades.

Finance.—Summarising briefly some of the leading commercial conditions, Germany is to pay within two years 1,000,000,000*l.* in either gold, goods, ships, or other specific forms of payment, with the understanding that certain expenses such as those of the Army of Occupation and payments for food and raw materials may be deducted at the discretion of the Allies. Bond issues are "presently to be required of Germany in acknowledgment of her debt" of 1,000,000,000*l.* sterling, payable not later than May 1, 1921, without interest, and 2,000,000,000*l.* sterling bearing 2½ per cent. interest between 1921 and 1926, and thereafter 5 per cent., with a 1 per cent. sinking fund payment beginning in 1926; and an undertaking to deliver bonds to an additional amount of 2,000,000,000*l.* bearing interest at 5 per cent. under terms to be fixed by the Commission. Interest on Germany's debt will be 5 per cent. In addition to this total of 5,000,000,000*l.* Germany is to bind herself to repay all Belgium's war debt to the Allies, and is to issue at once 5 per cent. gold bonds, falling due in 1926. The Inter-Allies Reparation Committee is to determine by May 1921 Germany's total obligation, and to present a

schedule of payments to discharge that obligation within thirty years.

Shipping.—The German Government recognises the right of the Allies to the replacement, ton for ton and class for class, of all merchant ships and fishing-boats lost or damaged owing to the war, and agrees to cede to the Allies all German merchant ships of 1,600 tons gross and upwards, one-half of her ships between 1,600 and 1,000 tons gross, and one-quarter of her steam trawlers and other fishing-boats. "As an additional part of reparation," the German Government further agrees to build merchant ships for the account of the Allies to the amount of not exceeding 200,000 tons gross annually during the next five years.

Coal, etc.—Germany is to deliver annually for ten years to France coal equivalent to the difference between annual pre-war output of Nord and Pas de Calais Mines and annual production during about ten years. Germany further gives options over ten years for delivery of seven million tons of coal per year to France in addition to the 8,000,000 tons to Belgium, and of an amount rising from four and a-half million tons in 1919 to 1920 to eight and a-half million tons in 1923 to 1924 to Italy at prices to be fixed as prescribed in the Treaty. Provision is also made for delivery to France over three years of benzol, coal-tar, and sulphate of ammonia.

Dyestuffs and Chemicals.—Germany accords option to the Commission on Dyestuffs, Chemicals, and Drugs, including quinine, up to 50 per cent. of total stock in Germany, at the time the Treaty comes into force, and similar option during each six months to end of 1924 up to 25 per cent. of previous six months' output.

Cables.—Germany renounces all title to specified cables, value of such as were privately owned being credited to her against reparation indebtedness.

Customs.—The Treaty contains detailed provisions for securing that Germany shall not discriminate, directly or indirectly, against the trade of Allied and Associated countries. These provisions will remain in force for five years, unless extended by the Council of the League of Nations. The German import tariff applicable at the outset to Allied goods will not exceed the lowest rate of 1914. After six months Germany will be free to raise her tariff, so long as it is impartially applied to all the Allies, except as regards a few specified articles, mainly agricultural products, with regard to which the restriction will extend for a further period of two and a-half years.

Contracts.—Pre-war contracts between Allied nationals and German nationals are in general cancelled as from the date at which the parties became enemies.

Enemy Property.—The action of liquidation, control, etc., taken in the Allied countries and in Germany in regard to enemy property and businesses under exceptional war measures is confirmed, subject to compensation in respect of loss to the property, etc., of Allied nationals, to be determined by the Mixed Arbitral Tribunal and charged upon the property of German nationals. All action of liquidation, control, etc., in Germany is to be stayed, and the Allied property, if not completely liquidated, is to be restored. The Allies reserve the right to retain and liquidate all German property within their territory. The net proceeds of sales of such property, both during and after the war, are to be credited to Germany, and to be applied by each State to the satisfaction of claims by its nationals with regard to their property in Germany or debts owing to them by Germans.

Patents, etc.—Rights in industrial literary and artistic property are re-established, but subject, in the case of German-owned rights, to the effect of the special war measures of the Allies, the right of imposing on German patents and copyrights conditions in the public interest or to secure the fulfilment of Germany's obligations is reserved. Extensions of time are given for the accomplishment of formalities, for the working of patents, and for securing rights under the international conventions. Except as between the United States of America and Germany, pre-war licences are cancelled, subject to the right of the old licensee to demand a new licence on terms to be specially settled; and except as between the same countries the right to sue for infringement committed during the war is not recognised.

Opium.—The High Contracting Powers who have not signed or ratified the Opium Convention of 1912 agree to bring it into force.

Unfair Competition.—Germany undertakes to protect the trade of the Allies against unfair competition, and, in particular, to suppress the use of false markings, and indications of origin, and, on condition of reciprocity, to respect the laws and judicial decisions of Allied and Associated States in respect of regional appellations of wines and spirits.

Pre-war Debts.—Clearing offices are to be established within three months in Germany and in each Allied or Associated State which adopts the plan, and the settlement of pre-war debts and other specified pecuniary obligations will take place through these offices, direct settlement being prohibited.

Medical Gleanings.

Action of Bacteria and Antiseptics on Catgut.

TAYLOR ("Arch. Med. Pharm. Milit.," 69, 1918) reports that catgut ligatures in a wound may disintegrate and secondary hæmorrhage follow when the wound contains *B. aerogenes capsulatus welchii*. No other bacterium appears to attack the catgut, and none of the antiseptics modifies its elasticity or strength, but under the influence of hypochlorite solution the surgical knot becomes untied. Hence he warns against the use of Carrel's solution for a wound in which an important vessel has been ligated, especially in the presence of *B. aerogenes capsulatus*.

Acriflavine In Gonorrhœa.

DAVIS AND IBARRELL have investigated the value of acriflavine in the treatment of gonorrhœa in the Urological Institute of the Johns Hopkins Hospital (ref. "Brit. Med. Journ.," 3,038, 1919, p. 352). They found that owing to its diffusibility acriflavine penetrates the mucosa of the urethra and bladder, and that it is antiseptic in urine in higher dilutions than any other diffusible dye studied; that it inhibits the development of the gonococcus in culture in a dilution of at least 1:300,000. Urethral injections of concentrated acriflavine cause slight smarting, which persists for an hour or more, but patients previously treated with protargol—a far less powerful antiseptic—say that acriflavine is decidedly less irritating. The most satisfactory concentration was found to be 1:1,000; no complication has followed the use of this concentration, and the smarting is negligible. When the anterior urethra is affected, about 3 c.c. of 1:1,000 solution is injected, and retained for five minutes. In cases with posterior affection, 15 to 30 c.c. are injected through into the bladder. Injections should be given twice daily until all organisms have disappeared from the discharge, and then once a day until the patient is considered well. In the majority of cases the organisms disappeared after two or three injections.

Brass Paste in Tuberculosis.

ALREADY before the war the use of copper in various forms and compounds was being made the subject of investigation in the treatment of tuberculosis on the Continent. Ellis ("Lancet," Vol. I., 1919, p. 415) gives a *résumé* of his researches, and the results achieved, with the use of brass in cutaneous and other forms of tuberculosis. His "brass paste" is formed by combining 86 per cent. of basic copper sulphate with 14 per cent. of basic zinc sulphate. This paste is easily applied; it is quite innocuous to healthy tissue, and can be placed in the eye without causing other than temporary irritation—in fact, its application to the conjunctiva of the everted eyelid resulted in the removal of all tuberculosis tissue in a case of over twenty years' duration. It was found that this "brass paste" did not reach the deeper deposits, and for these conditions a fluid preparation called "brass oil," or, shortly, "bro," is applied on gauze covered with jaconet and left on from two to seven days. Further investigation showed that the picric acid series had a distinct action in controlling swellings produced by lymphatic obstructions, the result of tuberculosis invasion. This observation led to the addition of approximately 1 per cent. of picric acid to both brass paste and oil. The lighting-up of phlyctens must always cause temporary discontinuance of the treatment; they may be treated by a dilution of picric acid bro one part to cod-liver oil three parts. (The author states that a supply of these preparations can be obtained from Mr. Jack L. Robinson, pharmaceutical chemist, Middlesbrough, Yorks.) Gauvain (*ibid.*) reports on two cases treated with Ellis's picric-brass paste.

CEYLON CASTOR OIL.—Some time ago the Ceylon Government decided to open up some acres of land at Madawachchi for growing the castor plant. It is now ascertained that the experiment has proved successful and the yield per acre is estimated at 750 to 850 lb. of seed. The seed will be crushed, as the process involves very slight expense.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative

MINISTRY OF RESEARCH.

Mr. Shortt, in the House of Commons on May 8, said that certain decisions have been reached which provide for the extension of the functions of the Committee of the Privy Council for Scientific and Industrial Research, but no decision has yet been made with regard to the establishment of a separate Ministry of Research. This question is still under consideration.

GOLD FOR DENTAL PURPOSES.

The attention of the Chancellor of the Exchequer (writes our Parliamentary Correspondent) is being directed to the stoppage of the release of gold for dental purposes, and to the fact that the price of gold to dentists has gone up from the pre-war price of 65s. 6d. to 85s. 6d. per oz. Mr. Austen Chamberlain is to be asked whether, in the public interest and to secure cheaper dentistry, he can revert to the old practice of releasing gold for dental purposes.

SUBSIDY TO PRIVATE SOCIETY.

Major Astor on May 8 stated that a grant of 8,000*l.* was paid to the National Council for Combating Venereal Disease towards their expenditure for 1918 on various measures for educative publicity work, and 5,000*l.* has similarly been paid towards their 1919 work. The question of a further grant for this year is not yet settled. The measures thus aided are discussed with the Local Government Board, and are taken by the Council subject to the Board's concurrence.

REMOVAL OF TRADE RESTRICTIONS.

Sir Auckland Geddes, M.P., who received a deputation of members of Parliament at the House of Commons on May 14, asking for the immediate removal of import and export trade restrictions, replied that these restrictions were being removed almost daily and more articles placed on the free list. It was necessary to some extent to conserve employment throughout the country. During the period of reconstruction free imports would be disadvantageous, but the whole position would be reviewed by September, when the restrictions expired.

INDIAN LINSEED CAKE.

Viscount Wolmer asked the Food Controller on May 7 whether linseed cake is now purchasable in India at a very low cost, and, if so, whether he can arrange for greater shipping facilities to be given for the shipment of the same from India to this country free on board.

Mr. McCurdy replied: The price of Indian linseed cake is at present 12*l.* to 13*l.* per ton f.o.b. Calcutta. Dealing in linseed and other cattle cakes is no longer controlled, and traders desiring to import this cake from India can obtain adequate facilities for doing so.

SACCHARIN DUTY.

Mr. D. Herbert (Watford) asked the Chancellor of the Exchequer on May 12 whether, as legislation relative to sugar taxation has generally applied to saccharin, after September 1, 1919, the Excise duty on British saccharin and the Customs duty on saccharin imported into this country from any part of the British Empire will be 110s. per pound against 132s. per pound on saccharin imported from foreign countries.

Mr. Chamberlain replied: Saccharin is included among the articles in respect of which he proposed that Imperial preference should be granted. The exact effect of my proposals on the existing rates of duty will be shown in the Finance Bill.

FEDERATION OF SMALL TRADERS.

The United Kingdom Business Men's Federation has appointed a Parliamentary Committee to watch their interests in the House of Commons. The Federation proposes to combine the shopkeepers of the country in defence of the businesses, which, they maintain, are threatened with extinction by the huge trade combinations of the day—on the one hand by the multiple shops, and on the other by the co-operative movement in its most aggressive form. The Parliamentary Committee includes Lord Henry Cavendish Bentinck, Admiral Sir Hedworth Meux, Sir John Simon, Sir John Rees, Commander Kenworthy, and Mr. C. W. Bowerman.

EXPORT PERMITS.

Sir A. Geddes stated in the House of Commons on May 7 that export licences are at present required for the following articles: Arms and munitions, the more important food-stuffs, cattle-feeding stuffs, fertilisers, about a dozen raw

materials, and a few scarce drugs and chemicals. The total number of applications for licences made since the Armistice is 250,188. The total number of licences issued is 258,081, the excess over the number of applications being due to many licences having been issued in respect of applications received before the Armistice. The size of the figure of licences applied for and granted is accounted for by the large number of articles for which a licence was required at the time of the Armistice. This number has since been drastically reduced. The only licences to the issue of which conditions are commonly attached are those permitting export to Scandinavia, Holland, Switzerland, and Finland, in which cases consignment must be made to certain specified bodies in those countries.

PERFUMERY SPIRITS.

Lieutenant-Commander N. Craig on May 12 asked the Chancellor of the Exchequer whether he will consider the advisability, in increasing the duty on spirits, to distinguish between spirits used for consumption and those used for commercial purposes, with a view to avoiding injury to trade.

Mr. Chamberlain replied that he is not quite sure of the scope of the question. If by "spirits used for commercial purposes" he means spirits used in manufactures generally, he would remind him that most of the spirits so used are either methylated spirits which are free of duty, or in certain cases, where it is found that methylated spirits are unsuitable, spirits allowed to be used free of duty under special conditions made by the Commissioners of Customs and Excise. The member may, however, have in mind the use of spirits in the preparation either of certain essences used in the manufacture of beverages, or of perfumes which are of the nature of a luxury. He could not see his way to relieving spirits so used of the increase of duty.

MEDICAL BENEFIT.

Mr. Locker-Lampson asked the Secretary to the Local Government Board, as representing the National Health Commissioners, on May 1, if he is aware that, owing to the National Health Insurance Acts imposing a rate of remuneration limit of 160*l.* per annum, a considerable number of non-manual workers whose wages, with war bonuses, now exceed that limit, will cease to be insured after July 1 next, and will thereafter have to pay for medical attendance, etc., as private patients; whether he has received representations that these workers object to being thrown out of insurance after paying contributions for so many years; and whether the Government propose to bring in a short Bill to enlarge the limit, which, though appropriate when the Act was passed in 1911, is inappropriate now.

Major Astor replied that under present conditions it is the case that many non-manual workers whose remuneration inclusive of war bonus has exceeded the rate of 160*l.* a year, and for whom their employers have ceased on that account to pay contributions, will go out of insurance at the end of the current contribution year (June 30), and will cease to be entitled to medical benefit in December next. Representations on behalf of the persons concerned have been received from various quarters, and the whole matter is now under consideration. He hoped shortly to be in a position to make a statement on the subject.

TRADE BOARD FOR THE DISTRIBUTIVE TRADES.

Sir R. Horne stated in the House of Commons on May 8 that it is proposed to apply the Trade Boards Acts to the wholesale and retail distributive trade. Two conferences have been held, to which all the organisations known to the department in the trade were invited to send representatives. A resolution recommending that one trade board for the whole trade should be established was passed by twenty votes to ten by a joint committee of employers' and workers' representatives elected by the delegates at the first general conference, but at the later conference it was unanimously agreed that the question of the number and scope of the trade boards required should be the subject of consideration by the nominees of the various organisations appointed to represent them on the trade board or boards. No definite decision has yet been reached as to whether there shall be one or more Orders covering the whole trade, both wholesale and retail, and he is at present awaiting the observations of these organisations on a proposed definition of the trade which has been circulated. The Reports of the Whitley Committee recommended the establishment of trade boards in those industries which are not sufficiently organised for the establishment of joint industrial councils. He was satisfied that the degree of organisation of the employers and workers in the distributive trades is not sufficient to permit the formation of a joint industrial council, but is appropriate to the system of trade boards.

Marriages.

BOSTOCK—MILNE.—At the Episcopal Church, Tayport, on May 3, Sydney Miller Bostock, chemist and druggist, elder son of the late Mr. J. A. Bostock, Northwich, to Margaret, third daughter of Captain W. F. Milne, Rosebank, Tayport.

CREASEY—EVE.—At the Cathedral, Hamilton, Bermuda, on April 23, Sergeant D. E. Creasey, R.A.M.C., chemist and druggist (late with Reynolds & Bransons, Ltd., Leeds), to Margaret Agnes, eldest daughter of Mr. Henry S. Eve, "Waverley," Hamilton.

GASS—SUMNER.—At the Parish Church, Lancaster, on May 9, by the Rev. J. W. N. Bardsley, Walter H. Gass, chemist and druggist, Whitehaven, to Mabel, only daughter of Mr. William Sumner, Emscote, Lancaster.

Deaths.

BOWE.—At Hawes, on May 4, Mr. Oswald Routh Bowe, chemist and druggist, aged seventy-five. Mr. Bowe succeeded the late Mr. C. Johnson, with whom he served his apprenticeship. He was in business before August 1, 1868, and was the oldest tradesman in his town.

FISHER.—At Princes Risborough, on May 8, Mr. William Edgar Fisher, chemist and druggist, aged fifty-seven.

JACKSON.—On May 13, Margaret Gertrude, beloved wife of Mr. Edward Ernest Jackson (Ernest Jackson & Co., Ltd., manufacturing chemists, Crediton).

SIMPSON.—At 4 Percy Terrace, Alnwick, on April 25, Mr. George Simpson, chemist and druggist, aged eighty-one. Mr. Simpson served his apprenticeship with the late Mr. William Davison, Alnwick, and soon after its completion opened in business for himself in a shop in which he remained for over fifty years. He had of late been in failing health, the business being managed by his only son, Mr. G. W. Simpson, chemist and druggist, by whom it will be continued. In his earlier years Mr. Simpson took a prominent part in local Freemasonry and other activities, and his death will be widely regretted. He is survived by a widow, a son, and three daughters. The funeral took place at Alnwick Cemetery with Masonic honours, among the numerous company present being Messrs. J. Davison and A. Ewing, pharmacists.

TODD.—On May 1, after a brief illness, Mr. Matthew James Todd, chemist and druggist, Shiremoor, Northumberland, aged sixty-four. Mr. Todd was a native of Sunderland, and was apprenticed in that town. After living in Australia for some time he bought a business in Sunderland, which he carried on up to seventeen years ago, when he purchased the business at Shiremoor from Mr. Airth. He was a prominent member of the Newcastle-on-Tyne and District Pharmacists' Association, and will be greatly missed by the members and by his wider circle of friends. He was a generous contributor to any deserving object, and in the Masonic world he had held many important offices. Mr. Todd died while on a visit to friends in Yorkshire from heart failure following influenza. The funeral took place at Barnsley on May 5.

Wills.

MR. ALFRED SHAW, chemist and druggist, 25 Moscow Drive, Liverpool, who died February 26, left estate valued at 4,828*l.* 4*s.* 7*d.* gross, with net personalty 3,681*l.* 1*s.* 1*d.*

MR. RICHARD FITZHUGH, J.P., Ph.C., The Park, Nottingham, who died on December 20, left estate of the gross value of 15,542*l.* 17*s.* 4*d.*, of which 9,320*l.* 14*s.* 10*d.* is net personalty.

MR. SAMUEL PARKS WOOLLATT, J.P., chemist and farmer, Bancroft, Cottesford, Herts, who died on November 17, left estate of the gross value of 13,125*l.* 8*s.* 8*d.*, of which 6,251*l.* 5*s.* 9*d.* is net personalty.

MR. ERNEST LECKIE ROBINSON, J.P., Carleton Hall, Carleton, Pontefract, Yorks, chairman of Robinson Bros., Ltd., manufacturing chemists, who died December 24, left estate of the gross value of 38,274*l.* 9*s.* 3*d.*, of which 32,925*l.* 19*s.* 5*d.* is net personalty.

MR. JOSEPH BREWSTER PATER, chemist and druggist, 265 Fulwood Road, Sheffield, who died on March 8, left estate of the gross value of 2,767*l.* 6*s.* 4*d.*, with net personalty 884*l.* 17*s.* 3*d.*. Probate of his will has been granted to his brother, Mr. Edward Rhodes Pater, chemist, Retford, and Mr. Herbert Hargreaves, surgeon, Boston Spa.

Personalities.

MR. DAVID JONES, chemist and druggist, Towyn, Merioneth, has been elected Vice-Chairman of the Towyn Urban District Council.

MR. JOHN THOMAS, chemist and druggist, Machynlleth, has been elected Vice-Chairman of the Machynlleth County School Governors.

MR. F. T. ROPER, chemist and druggist, Kington, Herefordshire, has been re-elected Chairman of the Kington Urban District Council.

MR. CHARLES TINDALE, chemist and druggist, Baxtergate, Whitby, has resumed the management of his business on release from the Forces.

MR. WILLIAM ARKLE, pharmacist, Lancaster, was on May 8 re-elected vicar's warden at Christ Church, at which he has held a similar office for thirty years.

MR. W. S. TAVENER, chemist and druggist, Mayor of Guildford, extended an official welcome to a detachment of the Queen's on their recent arrival in the borough.

MR. ALFRED BIRD, M.P. (Alfred Bird & Sons, Ltd.), has intimated his intention of presenting Sir Edward Poynter's "A Roman Sea Bath" to the Wolverhampton Municipal Art Gallery.

On the completion of fifty years with C. R. Harker, Stagg & Morgan, Ltd., Mr. S. Morgan has been presented by the staff with a silver cigarette-case and match-box, suitably inscribed.

MR. P. R. HILL, Ph.C., Gorleston, who has returned to his business after four years' active service, has resumed his position as Chairman of the Health Committee of the Great Yarmouth Town Council.

MR. W. H. GRIMSHAW, chemist and druggist, Blackburn, a former President of the North-East Lancashire Chemists' Association, has been elected a warden of the newly formed Blackburn Antiquarian Society.

MR. J. G. DUNCAN, representative of Ayrton, Saunders & Co., Ltd., in the North of England, is temporarily indisposed. The ground is being covered by Mr. G. S. Dyson, 187 Osborne Road, Newcastle-on-Tyne.

MR. ALFRED ERNEST STRONG, chemist and druggist, has been appointed dispenser at the Bethnal Green Board of Guardians' Infirmary, Waterloo Road, E.2, in succession to Mr. A. Hardwick, who has retired on pension.

MR. SAMSON ROSENBLATT, 89 Fulton Street, New York, U.S.A., is at present in London, and is prepared to discuss with manufacturers the prospects of extending British trade to America. Mr. Rosenblatt may be addressed c/o THE CHEMIST AND DRUGGIST.

MR. CHARLES FRANCIS BARRETT, a director of G. B. Kent & Sons, Ltd., Farringdon Road, London, E.C., celebrated the fiftieth anniversary of his joining "the House of Kent" on May 9, when his co-directors entertained him to luncheon and presented him with a silver salver as a token of their regard.

MR. C. J. HESLTON, chemist and druggist, has been appointed general manager and assistant secretary to John Richardson & Co. (Leicester), Ltd., manufacturing chemists, Leicester. Mr. Heslton served his apprenticeship in a Leicester pharmacy, and after gaining further experience in the United Kingdom and on the Riviera, qualified in 1892. Prior to 1895, when he joined the staff of his present company, he represented John Wyeth & Bros., Philadelphia, U.S.A.

POPULARITY OF TABLETS IN FRANCE.—The popularity of the "comprimé" or tablet form of medication in France since 1910, and especially since the commencement of the war, has induced M. Maurice Bouvet, Doctor of Pharmacy, to publish a manual on the "Fabrication Industrielle de Comprimés Pharmaceutiques."

THE USE OF DRUGS.—The dangerous indulgence in narcotic drugs which now and again comes to light as the vice of those who must have excitement, whatever be risked in its pursuit, is only one side of an incredible carelessness in the use of drugs by all classes of the community. It is common to hear of young children demanding phenacetin or aspirin if they wake with a headache; small boys return to county grammar-schools with a varied assortment of pills and mixtures; educated and uneducated alike exchange prescriptions as though they were cooking recipes, and every year or so sees the discovery of a new and "harmless" narcotic or soporific, which takes its toll of victims before its less obvious properties and dangers have been fully explored.—*The Queen.*

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1917, p. 220.

(From "The Trade-marks Journal," April 30, 1919.)

- "SACOL"; for disinfectants (2). By W. Geary, 7 East Park Avenue, Hull. 388,882.
- "SHEPRO"; for veterinary preparations (2). By T. Elliot, 30 Hide Hill, Berwick-on-Tweed. 389,183.
- "EPSONADE BRAND PURGATIVE"; for medicinal chemicals (3). By The American Epsom Association, 32 West Sixth Street, Cincinnati, Ohio, U.S.A. 384,863.
- "NORMAN'S REAL STUFF LINIMENT FOR RHEUMATISM," surrounding picture of Norman soldier and words "Bonus et Fortior" ("Norman's" disclaimed); for liniment (3). By D. Norman and G. W. Black, 104 Heyworth Street, Everton, Liverpool. 386,180.
- "SEMPROLIA BRAND PETROLEUM JELLY," on square-shaped device; for medicines (3). By Wm. Browning & Co., Ltd., Park Street, London, N.W.1. 386,596. (Associated.)
- "LIQUIPAR BRAND APERIENT"; for an aperient medicine (3). By Hertz & Co., 9 Mineing Lane, E.C.3. 387,542.
- "SAMSON"; for toilet-paper (39). By The British Crêpe Paper Manufacturers, Ltd., 23A Exmouth Street, London, N.W.1. 387,820.
- "MEDALLION"; for goods (42). By Tilley, Carr & Co., 4 Elder Street, London, E.1. 388,515.
- "YOBAR BRAND"; for food substances (42). By Young & Barraclough, Ltd., Water Lane, Leeds. 388,930. (Associated.)
- "ARISTON"; on pennant carried by figure standing on globe; for mineral waters (44). By Revett & Co., 18-24 Earsham Street, Sheffield. 387,767.
- "CONFETTI"; for soap (48). By C. Thomas & Bros., Ltd., Broad Plain Soap Works, Bristol. 386,392.
- "VALET"; for soap (48). By Lever Bros., Ltd., Port Sunlight, Cheshire. 388,581.
- "HULLETOIN"; for perfumery, etc. (48). By H. Hull, 138 Queen Victoria Road, Coventry. 388,766.
- "REVELRIE"; for perfumery, etc. (48). By Cuxson, Gerrard & Co., Ltd., 26 Fountain Lane, Oldbury. 389,487.

(From "The Trade-marks Journal," May 7, 1919.)

- Picture of sailor with flag; for all goods (1). By T. Parsons & Sons, 315 Oxford Street, W. 1. 386,982. (Associated.)
- "ARISTON"; for chemicals (1). By Griffiths Bros. & Co., London, Ltd., 29 Macks Road, Bermondsey, S.E.16. 389,293.
- "CLARK'S HAMPSHIRE HORSE POULTRY AND PIG POWDERS" on banners with device of pig and words "THE TRUSTY SERVANT" ("Clark's Hampshire" disclaimed); for horse, poultry and pig powders (2). By W. T. Clark, 23 Harcourt Road, Southampton. 388,249.
- "CONAR"; for soaps (2) and (47). By A. Cohen, 10 Jermyn Street, London, S.W. 1. 388,714/5. (Associated.)
- "GLAXO"; for chemicals (2), clothing (38), india-rubber goods (40), goods (47), and perfumery, etc. (48). By J. Nathan & Co., Ltd., 88 Gracechurch Street, London, E.C.3. 388,877/8/9/80/81. (Associated.)
- "WHEEL" under picture of steering wheel; for chemicals (2). By W. Gossage & Sons, Ltd., Widnes, Lancs. 389,041. (Associated.)
- "ISOLIS"; for eye lotion and ointment (3) and for rubber eye-baths (11). By Majon, Ltd., Newton Chambers, Cannon Street, Birmingham. 386,554/5. (Associated.)
- "BALCA"; for medicines (3). By W. J. Davies, 1 Picton Place, Forest-Fach, Glam. 387,192.
- "VICTO BRAND OINTMENT"; for ointment (3). By H. R., H. H., R. R., H. and E. Pillinger, 63 Sankey Street, Earlestown, Lancs. 388,077.
- "FAIRY"; for headache powders (3). By J. Alexander, 19 Waterloo Street, Glasgow. 388,628.
- "PUCK"; for all goods (3). By R. A. Burrows, Garthmere, Atherton, near Manchester. 389,151.
- "UJAH BRAND ECZEMA OINTMENT" and device for ointment (3). By E. L. Leach and J. H. Vallis, 18 Little Clarendon Street, St. Giles, Oxford. 389,688.
- Picture of Moon with face; for all goods (8). By H. Moon & Sons, 10 Holloway Head, Birmingham. 388,396.
- "SORBO"; for surgical instruments, etc. (11). By Sorbo Rubber-Sponge Products, Ltd., Maybury Road, Woking. 386,613. (Associated.)
- "LIGNOLA"; for paper (39). "SANOID"; for toilet preparations (48). "BENZOLENZ"; for fabric cleaning preparations (47). By Cuxson, Gerrard & Co., Ltd., 26 Fountain Lane, Oldbury. 387,428/433. (Associated.)
- "DELISSE"; for food-substances (42). By The Watford Manufacturing Co., Ltd., Watford. 387,566.
- "JAKALOO"; for all goods (42). By Stevenson & Co., 10 Rushworth Street, Blackfriars, S.E.1. 387,881.
- "GINORA"; for beverages (42). By Jewsbury & Brown, Ardwick Green North, Manchester. 388,641.
- "SONIA"; for food-substances (42). By Gordon, Walker & Co., Ltd., Warple Wav, Aeton Vale, London, W.3. 388,746.
- "NASCO"; for food-substances (42). By Nestle & Anglo-Swiss Condensed Milk Co., 6 & 8 Eastcheap, E.C.3. 388,979.
- "THE BUNTING BRAND" with picture of bird; for food-substances (42). By Bunting & Co., Ltd., 23 Rood Lane, E.C.3. 389,204.
- "SKYLARK" with label device; for goods (47) and perfumery, etc. (48). By Hazlehurst & Sons, Ltd., 17 Highfield Street, Liverpool. 389,458/9. (Associated.)
- "SHAMPEENE"; for all goods (48). By W. E. Stirk, 6 Gordon Terrace, Cononley, Yorks. 387,918.

Trade Notes.

SHADEINE.—The price of sample bottles of Shadeine, for colouring grey hair, is 8d. The makers are the Shadeine Co., 58 Westbourne Grove, London, W.

AYRTON, SAUNDERS & Co., LTD., have adopted a 47-hour week, and have accordingly adjusted their hours of business as follows: Monday to Friday inclusive, 8 A.M. to 5.30 P.M.; Saturday, 8 A.M. to 12.30 P.M.

DR. MACKENZIE'S SMELLING-BOTTLES.—The price of this old-established proprietary article is now 2s. retail, 19s. per doz. wholesale. The retail price is protected under the scheme of the Proprietary Articles Trade Association.

PACKING-CASES.—W. Lusty & Sons, Eastern Saw Mills, Upper North Street, Poplar, E. 14, are makers of all kinds of packing-cases. Some of the varieties are mentioned in the firm's advertisement in this issue.

NEW COD-LIVER OIL.—We have received from Allen & Hanburys, Ltd., Bethnal Green, London, E. 2, a fine sample of new season's cod-liver oil produced at their factory in Norway. The quality is well up to the average, and supplies of the new oil are now available.

"CRYSTAL PALACE" MARKING-INK.—John Bond (London), Ltd., 75 Southgate Road, London, N. 1, announce that the wholesale and retail prices of John Bond's "Crystal Palace" marking-ink have been raised. The prices are given in the company's advertisement.

"EUREKA" WEED-KILLER.—Tomlinson & Hayward, Ltd., Lincoln, inform us that they now have full stocks of material, and that all orders for "Eureka" Weed-killer can receive prompt attention; also that they are prepared to supply attractive advertising matter. Owing to the lower cost of material the prices have been considerably reduced.

"STANDARD" PRICE-LIST.—Mr. Chas. Philip, chemist and druggist, 23 High Street, Herne Bay, sends us a copy of the May issue of his "Standard" retail-price list. A new feature is a list of prices of capsules, and at the end of the list there is a summary of the tables previously given regarding the pricing of dispensing. The terms of subscription, as announced last month, have been revised, so that firms purchasing eight copies per month pay a yearly subscription of 5s. for each copy.

"LEST WE FORGET."—This is the title of a well-produced booklet issued by John Bell, Hills & Lucas, Ltd., Oxford Works, Tower Bridge Road, London, S.E.1, which commemorates the active part which the company took in providing means by which our soldiers were protected from the effects of German gas warfare. The booklet describes briefly how the Germans defiled chemical science in their efforts to win the war by fair or foul means, and how the effect was to conjure up an immense industry at Oxford Works engaged in making gas-masks and respirators. The whole tale is told in a fascinating manner, and completed by the inclusion in the booklet of a series of illustrations. The record is a splendid one, and, incidentally, shows the resources of this company, which have now been adapted for peace-time requirements.

Information Department.

INFORMATION WANTED.

- | | |
|---|--|
| 152/58. Antiform suppositories | 151/13. "Ovarine" (in boxes) |
| 151/23. "Fleur de Lys" tooth brush | 151/35. Purple-flanged pill-boxes |
| 150/33. Foley's inhalers | 147/67. "Renolave" hair tonic |
| 151/36. "Guache" for rheumatoid arthritis | 150/33. "Royal alabaster" face cream |
| 152/57. "Kola Red Oil" (for pneumonia) | 151/19. Storecroft's throat and chest cure |
| 150/33. "Orchard White" beauty cream | 152/58. Yaghourt supplies |

INFORMATION SUPPLIED.

- | | |
|---|--|
| "Ablutonic" rubber sponges, 143/35 and 153/56 | Langdale's essence of cinnamon, 74/58 |
| Aniline dyes, 132/32 | Lanoline, 12/50 and 66/19 |
| Archibald's toilet preparations, 141/55 | Lead arsenate paste in tins, 102/12 |
| "Cutex" toilet preparations, 103/66 | "Lecigen," 137/49 |
| "Cyona" tincture, 135/71 | "Mary Garden" perfume, 121/31 |
| Disinfectant, in bulk, 89/34 | Mawson's collodion, 73/9 |
| Hydraulic press, 117/6 | McDiernal herbs (Swiss inquiry), 67/37 |
| Hydrochloric acid, 107/57 | "Melargen," 134/36 |
| Hydrogen peroxide, 114/1 and 117/22 | "Protosil," 48/62 |
| | "Prunoids," 103/66 |

Observations and Reflections.

By Xrayser II.

To Say that We have been Sold

over the new by-law would be grievously to understate the case: we have been given away. Our leaders "thought" the provision was permissive; they were content to think so, and accepted the Act with a light heart, the omission of "pharmacy" and all. Of course, they "deeply deplore" the present consequences of their incapacity; it is not pleasant to find oneself outwitted, to have to eat one's words as Mr. White, for instance, has had to do, and to reap anger and mistrust where one had looked for gratitude and admiration. But there is no help for it. We must "bend our backs" to them that pass over, and take what consolation we can from that blessed word "compromise," though we don't quite see where compromise comes in. We are giving up so little, says the President; only, unfortunately, the principle for which we stand is given up, and that being gone, we cannot feel safe when other losses threaten. It needs, apparently, but a persistent effort on the part of any organised outside body, and the gaining of the ear of an official or two of the Privy Council, and then—the deluge. What is to protect us? To secure the favour of Government we accepted examination for ourselves; we now, still to please Government, admit others without examination; it is a game of see-saw in which we are always at the bottom, and there we seem likely to remain in perpetuity. The confident assurance of the Council that the publication of the by-law will allay our fears is not justified by the fact that Mr. Campkin, the most judicially minded of our representatives, voted against it.

Recommendation 3

of the Conference of Local Association Delegates (which escaped my notice last week) strikes me as ineffably foolish—as amounting, indeed, to constructive suicide. If adopted, it will kill half the Associations in the country, and the better half, too—those, namely, that are the oldest, most broadly based, and that have the most influence. It is, moreover, a manifest piece of chicanery. The creation of a hybrid class of associate members is a device as dishonest as it is clumsy, and though the Council hesitates to accept the recommendation, it may be questioned whether, in accepting the L.A.E. as the representative of the employers, it will not find itself faced with the same difficulty in another form. The acceptance is apparently due to a slavish adherence to the old machinery and a constitutional cowardice. Possibly there is, after all the dilatoriness that has been shown, no other course now; but what shall we say of those who thus palter with circumstance until they are forced into action that only necessity can excuse?

This Failure to Decide

upon the organisation of employers on May 7 contrasts curiously with the assertions made to the assistants at Westminster on the same day by both the President and the Secretary that they are "already well organised" [Mr. Currie said "united"] "through the Local Associations Executive." I dare not attempt to reconcile these statements with the reported proceedings of the Council in the morning. The two gentlemen can hardly have been ignorant of what had been done with Recommendation 3, and that the whole thing was still hung up. Would it not have been better for them to have set their own house in order before trying to "redden up" that of the assistants? The probability seems to be that the latter will get through their spring cleaning first.

The Seventy-Eighth Annual Report

of the Council is largely apologetic in tone. On one point, however, it speaks with pride. The War Auxiliary Benevolent Fund has reached the respectable figure of 20,000*l*. It is about as much as I ex-

pected, but remembering it was announced that we must not be satisfied with less than 50,000*l*., it seems rather an exaggeration to call it "a magnificent memorial." True, the Fund is not closed yet, though the shadow of its end approaches in the forthcoming list of subscribers. If we are to reach anything near the sum we contemplated there is no time to be lost.

Mr. Skinner's Apologia

for the Progressive party in this month's "Script" is probably well founded, but, if so, the greater is the pity. The cowardice of which we so often and so justly complain in the Council is equally rife in the trade itself; we are a feeble folk, who fear to act alone and have not gumption enough to act together. But that is an old story, and we were assured that it belongs to a back number; the Club had begun a new chapter, we thought, and we were eager (some of us) to contribute to it. Clearly, two things are necessary if we are not to fall back into the old stagnation. We must find men who are not afraid of risking failure, men whom we can trust "to withstand the seductions of environment," and we must organise ourselves for action all over the country. Mr. Skinner hints, and Mr. Humphrey in the same number of the "Script" more than hints, at jealousies between town and country. Perhaps the mere fact that the Club has its local habitation in London makes against it with some country folks. We are silly enough for anything, we humans. Let the Club have an agent or group of agents in every Association, spreading the leaven of progressive ideas, and creating an *esprit de corps* beneath the ribs of selfish individualism. This should be a service of love, and if undertaken as such by the right men it would speedily "consolidate our hope into a movement" that would be irresistible. As for town v. country, that difficulty, if it is one, can best be met by territorial representation in which every district has an equitable share, but we can only secure this by united action now. For once, we must cross the bridge before we come to it—a thing which only faith can do. Have we faith enough for it?

Mr. Knight Bell

is right in most or all of what he says, but wrong in thinking it counters what I said. The differences he enumerates between our lot and the doctor's are either irrelevant or due to faults of our own, of which we ought to be ashamed. We might have shorter hours of work, more respect from the public, fewer unnecessary rings at the night-bell, and proper fees for night-work (this enforced, the other would follow). My critic says he has been "singularly unhappy": may I suggest that he has been just a little weak? He need not resent the soft impeachment, for most of us are. The chief difference between the doctor and us in this respect is that he renders service, we solicit custom. This need not make us slaves; it does not make a slave of my neighbour the plumber and glazier. How is it that it so often does of us? I fear there is but the one answer—weakness, sheer weakness, on our part.

Garlic, or Poor Man's Treacle,

had formerly such a long list of medicinal uses that the few survivals noted by your Birmingham correspondent need excite no wonder. Diphtheria was unknown as such to our forefathers, but it may have been one of the throat-affections for which garlic was prescribed. Garlic was much used for coughs, asthmas, bronchitis, and as a detergent for the lungs. For whooping-cough it was considered efficacious even when carried about the person. It was good for fevers and inflammations of all kinds, and as a protection against foul air and infected water; and I have read somewhere that the strings of it and onions in the houses of the Italian residents on Garlick Hill kept the great plague at a respectful distance. It was sovereign against poisons, the bite of mad dogs, serpents, and so forth; excellent as a diuretic and stomachic; and, in short, had so many virtues that I have not space to enumerate them. "Eat ramsons in May, and physicians may play," says the proverb.

"SANITAS" NON-POISONOUS DISINFECTANTS

FLUIDS, POWDER, SOAPS & APPLIANCES
Should be stocked by all Chemists.
THE "SANITAS" CO., Ltd., LIMEHOUSE, LONDON, E. 14

**BRITISH
ABSOLUTE ALCOHOL**
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Have a world-wide reputation for
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CANDLES, NIGHT LIGHTS, Etc.**
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The New
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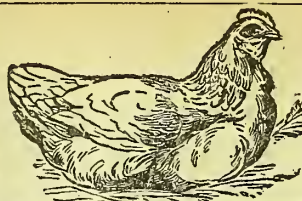
**Prices will not be avail-
able for some weeks.**

At least one month's notice will be
given to chemists of any alteration
in prices.

The Sales Manager,
**Glaxo, 155-7 Gt. Portland Street,
London, W. 1.**

Proprietors: J. Nathan & Co., Ltd., London & N.Z.

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Best value. Largest packers.
SEED DRESSING
Carbolised. Liquid. Our formulae
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Works - Rotherhithe, S.E. 16.

An announcement of particular
interest to you appears in
this issue on page vii

HYPOSOL LIMITED,

High Road, Wealdstone, Harrow,

ARE PROBABLY THE LARGEST
MAKERS OF

Cork Tubes & Ampoules

IN THE UNITED KINGDOM.

Made from neutral Amber or White Glass, and
of capacities from 10 min. to 50 c.c.

Phone: Harrow 600.

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are standardised and therefore always to be relied
upon, and official preparations made from them, fulfil
all the requirements of the British Pharmacopoeia.

Editorial Articles.

The Trade Board Problem.

THE form which drug-trade organisation for the pur-
pose of settling questions that arise between employers
and employed persons will assume is by no means settled.
At present it seems, despite the desire that has been
expressed for an Industrial Council, that the drug-trade
will have to be content with some form of Trade Board.
It is not yet settled whether the Distributive Trades
Board shall consist of one Board or several. In the latter
case, one Board would probably be set up for the drug-
trade. The cause for taking the view that the Govern-

ment has decided upon a Trade Board for chemists is a further study of the definition of distributive trades which was brought forward by the Ministry of Labour and was printed in *THE CHEMIST AND DRUGGIST*, May 3, p. 59. In the definition "the retailing, compounding and dispensing of drugs and chemicals by chemists and druggists registered under the Pharmacy Act, 1868," is excluded. At first sight it would seem that the intention was not so narrow as the wording suggests, but we have ascertained that the narrowest interpretation is quite intentional. The definition states that only qualified assistants are excluded who spend all their time in "the retailing, compounding, and dispensing of drugs and chemicals." Qualified assistants who sell toilet preparations or photographic goods, for example, are intended to be included in the Distributive Trades Board. It will thus be seen that very few qualified assistants will be excluded. Chemists' assistants who are not qualified will come under the Trade Board scheme. At present the Trade Board idea is predominant in Government circles, and it looks as though it will be difficult to convince the Minister of Labour that the drug-trade is sufficiently organised to form an Industrial Council. It should be noted, however, that the organisation required by employers and employed persons for either a Trade Board or an Industrial Council is the same, so that the efforts that are being made in that direction need not be relaxed in any way. There seems a desire in the provinces to form several separate Associations for chemists' assistants, and some of the movements, we are told, are being engineered by employers. It will, however, be no advantage, we should think, to employers to be faced on a Trade Board or Industrial Council with a multiplicity of Associations claiming to represent assistants, and the want of agreement which is almost sure to exist between the numerous assistants' representatives cannot be to the advantage of employes.

Diluting the Register.

THE Privy Council has never shown much regard for the aspirations and ideals of chemists and druggists, and its latest triumph in forcing upon the Pharmaceutical Society a by-law admitting unqualified persons to the Register of Chemists and Druggists is an example of the harmful influence on pharmacy of this archaic body. That the drug-trade is opposed to the dilution of the Register by the admission of unqualified persons goes without saying, but the manner in which this is being accomplished is, we believe, unparalleled in the history of legislation in this country. We have made several references to the secret negotiations which have been in progress during the past few months, and the correspondence which has resulted shows that chemists resent very much the scurvy treatment they are to receive from a Government Department which still lives in mediæval times and is out of touch with the progressive age in which we live. It is perhaps necessary to give an outline of the events which have led up to the present position. During

ORIGIN OF the progress of the Poisons and Pharmacy THE BY-LAW. Act, 1908, through the House of Commons an amendment was proposed by a representative of the Society of Apothecaries that all apothecaries' assistants should be admitted to the Register of Chemists and Druggists without examination. The Government was not strong enough to resist such an outrageous suggestion, and it resorted to the subterfuge of weak Governments and arranged a compromise, which eventually was embodied in Section 4 (b) of the Pharmacy Act, 1908. The compromise was, unfortunately, accepted by the representatives of the Pharmaceutical Society on the understanding that the by-law need not be made if it would result in a lowering of the qualification needed for admission to the Register. Legal opinion which the Society obtained after the Act came into force was to the effect that the powers to make by-laws under Section 4 (b) were permissive and not mandatory, and as such a by-law could not be made without doing an injustice to the persons already on the Register no action was taken in

the direction mentioned. A small but persistent faction of the apothecaries' assistants, who, although unqualified, saw the chance of getting themselves on the Register of Chemists and Druggists without the trouble and expense of acquiring the necessary knowledge and passing the Qualifying examination, obtained access to the Privy Council, or rather the Civil servants who perform the functions of that body; and the Privy Council, always ready to tread under-foot the educational aspirations of chemists, gave the promise that this injustice should be done. Then followed continued pressure on the Council of the Pharmaceutical Society, with the addition of threats that if the by-law was not passed worse would befall the Society. Mr. Currie, the President of the Pharmaceutical Society, has stated that:

Unless such a by-law is passed Parliament would be asked by the Government to amend the Statute *with probably much worse results from the point of view of pharmacy* than those which can accrue from the inclusion of the very limited number of persons who can be admitted to the Register under this by-law.

The italics are ours, and we use them to call attention to the fact that the Privy Council is not working in the interests of the public, but is actually prepared to relax further the safeguards which the public enjoys in having the sale of poisons and the dispensing of medicines entrusted to persons specially qualified for the purpose. The threat, however, has been used with such effect that the Council, by a large majority, has read a first time the following by-law:

Persons who, before January 1, 1921, make application, in the prescribed form, to be registered, without examination, as chemists and druggists, provided they produce evidence satisfactory to the Council that

(a) They had before December 21, 1908, obtained under the provisions of the Apothecaries Act, 1815 (Section 17), a Certificate of Qualification to act as an assistant to any apothecary in compounding or dispensing medicines;

(b) They had been for a period of seven years immediately prior to the date of their application continuously employed as whole-time dispensers engaged in the compounding and dispensing of medicines, either in charge of the department or on similar responsible duties, in an institution approved by the Council for this purpose, shall be so registered, without examination, upon payment of a registration fee of fourteen guineas, provided that the Council may refuse to register any person so applying, if, on grounds to be stated by them, they are of opinion that the applicant does not possess the necessary skill, qualification, and fitness to be so registered.

The form and method of application and the institutions to be approved for the purposes of this by-law shall be prescribed by regulations to be made by the Council, and approved by the Privy Council.

The regulations referred to in the last paragraph are not yet available, but are understood to require that the applicants must have acquired their dispensing experience in Poor-law institutions, H.M. prisons, lunatic asylums, general hospitals, and certain provident dispensaries—requirements which will not be difficult for most of the applicants to satisfy. As our subscribers are aware, the by-law needs to be read at three Council-meetings and then at a general meeting of the members of the Society, after which the by-law has to be approved by the Privy Council. The Council stages and final approval by the Privy Council are assured.

WILL THE the only "dark horse" being the attitude of BY-LAW BE the members of the Pharmaceutical Society in REJECTED? general meeting. We have not much doubt that the members will swallow the bitter pill presented to them, as the President will doubtless plead that the Council is helpless in the matter. Mr. Currie, we see, has already put forward the plea that it is "only a little one," but he may not be the President who has to present the by-law for approval at a general meeting. Whoever is entrusted with such a humiliating task is at least entitled to the sympathy of all self-respecting men. It is now advisable to refer to the reasons why the by-law is a retrograde step in the history of pharmacy. The Pharmacy Act, 1868, states that the Act was passed for the safety of the public and to ensure that persons carrying on the business of a chemist and druggist should possess "a competent, practical knowledge of their

business." It follows that the admission of unqualified persons to the Register violates the principles of the Pharmacy Act, 1868, and exposes the public to a THE DANGER which it was the purpose of that Act TO THE to avoid. We have on a previous occasion PUBLIC. pointed out that the foundation of pharmacy legislation in this country was the desire to protect the public from the danger of accidental poisoning, and hence chemists are educated and examined in chemistry, botany, materia medica, and pharmacy law, so that they can act as experts in the sale of poison. The apothecaries' assistants whom it is proposed to admit to the Register will have had a certain amount of experience of the variety of dispensing which is practised in public institutions, but there is no requirement in the by-law that they shall have any knowledge of poisons and the laws governing the sale of poisons. At the last Council-meeting Mr. Campkin (*C. & D.*, May 10, p. 66) pointed out very effectively the injustice of the by-law to those who are already on the Register and have had to satisfy the examiners of their competence to carry on the business of a chemist and druggist. Lest attention should be called to the fact that most of those who were placed on the Register in 1868 were unexamined, we may remind objectors that the chemists referred to were actually carrying on business, and the experience they had at that time has in the intervening fifty years assured that their knowledge of poisons is such as effectively to safeguard the public. Mr. Hines objects to the proposed by-law because it is merely "buying off the Danes" and is sure to lead to a further invasion of our rights. Mr. Skinner takes the larger view that the whole question of apothecaries' assistants should be settled once and for all by a scheme of an assistants' register which would recognise the experience in dispensing—the only asset which apothecaries' assistants possess. In addition to the fact that the proposed by-law will not necessarily be final in regard to apothecaries' assistants—such an easy method of obtaining registration as chemists is not likely to be forgotten—this by-law will be a precedent for "qualified military dispensers" mentioned in the same section of the Poisons and Pharmacy Act. If, on the other hand, a knowledge of the business of a chemist and druggist is no longer considered necessary for those who are to be admitted to the Register, the syllabus for the Qualifying examination should be revised, in fairness to those who have served an apprenticeship or are assistants at the present time. It remains to consider if BE DONE? anything can be done to prevent the injustice of the proposed by-law. As will have been gathered, appeal to the Privy Council is useless, as they are the instigators of the outrage which it is proposed to perpetrate. It is the members of the Pharmaceutical Society, and not the general body of chemists, who are to decide whether the by-law shall pass. The question is: Have the members sufficient backbone to reject the by-law? It means defying the Privy Council, with all the threatened consequences. There is a somewhat relevant precedent for this in the rejection in 1870 of the proposed regulations for storing poisons which the Privy Council sought to force upon the Society. This was another case of an alleged tacit understanding embodied in Section 1 of the Pharmacy Act, 1868. The members of the Pharmaceutical Society in general meeting rejected the regulations which had been approved by the Privy Council, and the consequence was that the Privy Council introduced a Bill into Parliament to give effect to the regulations. The chemists of 1871 did not take this lying down, and so effective was the opposition of the drug-trade that the Bill had to be withdrawn. Could this precedent be acted upon now? There is plenty of indignation among chemists against the by-law, and a delay of a few years may help matters. It might lead to an interpretation of the law by the judges (who are the proper persons to do that), and if a Bill were introduced by the Privy Council to give effect to their interpretation of the law this would give chemists an opportunity of having the matter threshed out in the House of Commons, which should not be to the disadvantage of the trade. Anyhow, there is the feeling that the interpretation of the law and legislation should not be left with a Government

Department. It would need, however, a long-sustained effort to render effective any such opposition, and we have not great faith in the staying-power of chemists, especially when deserted by the Council. A referendum of chemists on the matter is another suggestion. A foregone conclusion of such a referendum is that the by-law would be rejected, but, unfortunately, the Pharmaceutical Society has no power to consult chemists as a body. The conclusion seems to be that we shall have to agree to a by-law which we are convinced is against the interests of the public. Could the effect of this wrong be minimised in any way? The only suggestion we have

MINIMISING received is that the names of unqualified THE EVIL. persons admitted under Section 4 (b) should be placed in a separate part of the Register to indicate that they have been admitted only because of their experience in dispensing, and not because they possess the qualifications necessary for carrying on the business of a chemist and druggist. We notice that one public man states that assent to the admission of apothecaries' assistants to the Register is the price that chemists have to pay for regulating limited companies. This is an absurd suggestion, as the Poisons and Pharmacy Act was passed in the interests of the public, and not for the benefit of chemists. The Act allows poisons to be sold under licence by unqualified persons, and the general trend of the Act was retrograde. It may even happen that the regulation of limited companies who carry on the business of a chemist and druggist may be neutralised by the new by-law, which will admit unqualified persons to the Register. Any one of these persons may become the *bona-fide* manager or superintendent of a limited company selling poisons and dispensing medicines, thus neutralising the provisions of Section 3 (4) of the Poisons and Pharmacy Act. It is not unlikely that this may happen, as the services of apothecaries' assistants who have only been engaged in dispensing are likely to command less remuneration in pharmacy, and there are plenty of small limited companies who would be glad to save money on service so long as the requirements of the Act are satisfied.

State Drug-service.

SIR LEO CHIOZZA MONEY, in the "Labour Leader," sends a May-day message to small shopkeepers, this expression covering apparently chemists, milkmen and fishmongers. The note, headed "The Plight of the Chemist," is as follows:

Many a pitiful letter have I received on this subject in recent years. It is a very sad thing when a professional man like a chemist, who has undergone a proper course of study and built up a thoroughly respectable and useful, if not entirely economic, business, finds himself driven out of trade by a multiple drug-shop which advertises on a large scale and employs more or less glorified shop assistants. How much better it would be for the individual chemist if the whole trade of drug sale and dispensing were made a public service! It would be better for the public, because they would have the assurance of absolute purity and quality of supply. It would be better for the individuals engaged in the trade, because it would surely be better for them to become public servants than to be the mere employés of a multiple-shop company.

It all depends upon the angle of view. Many hold the opinion that the "plight" of the chemist would be much worse if the trade was administered by Civil servants.

Weapons of War.

LITTLE by little the story of the contributions of science to the victory of the Allies is being unfolded. We are now permitted to know something about the scale on which hydrocyanic acid has been made for use in gas-shells. The idea of these particular shells owed its origin to the late Wing-Commander Brock, who, on laying before the Admiralty the results of some experiments, was authorised to make further trials. The assistance of Mr. (now Lieutenant-Commander) J. E. Coates (Birmingham), Dr. Greenwood (Sheffield), Commander Slater Price (Birmingham), and other experts was obtained, and, after considerable research, plant was devised which was capable of producing from four to six tons of

anhydrous hydrocyanic acid in twenty-four hours. The centre of this and other activities connected with asphyxiating shells was the Royal Naval Experimental Station at Stratford, London, which was visited by many representatives of Allied countries. The shells were not supplied to the Navy, but were in use in the Army till the end of 1917. A chemical laboratory for research and routine analyses was erected at the station, and, among other things, the energies of its staff were directed towards devising methods for making smoke-screens at sea, since the ordinary oil-fuel smoke is not satisfactory in many cases, and is only available on a few ships. Sir Richard Threlfall had devised a method for making a white screen by burning phosphorus, but this was not as effectual for naval purposes as it was on land. The need arose for a smoke float that could be thrown overboard and would emit sufficient smoke to screen a ship. A mixture was devised by the French for this purpose, but all the ingredients were not obtainable in this country, and it was necessary to modify the constituents. This was successfully done, and three mixtures were devised for different purposes. At the time of the Armistice methods were also in hand for emitting smoke-screens on land. The ingredients of these screens are not yet disclosed, but we are allowed to know of the existence of a corrosive liquid, used in the Zebrugge-Ostend raid, which fumes in contact with the water vapour of the air. Chemists will not have much difficulty in guessing its identity.

The Revival in Trade.

THE considerable improvement noted in exports and re-exports in March was continued during April, and this despite the interruptions to trade caused by the Easter holidays. The exports of British produce and manufactures during the month were 18,410,783*l.* more than the corresponding month of last year, the total shipments being 58,482,249*l.*, which figures constitute a "record." At the same time, the imports were 7,670,296*l.* less, our receipts for the month being valued at 112,210,747*l.* There was a decline of 1,576,615*l.* in the imports of chemicals, which were valued at 1,365,163*l.*, unenumerated items falling off by over a million sterling. Receipts of quinine (517,040 oz.) were much larger than last year, bringing the total for the four expired months to 1,235,896 oz., against 677,261 oz. for the corresponding period of 1918. There was an all-round decline in dye-stuffs and tanning substances. There were no imports of bleaching materials or sulphur in April, while of calcium carbide the large receipts of 81,800 cwt. are recorded, most of this being from Canada. Turning to the export side of the Returns, the gain of 18,410,783*l.* is chiefly on manufactured goods, by 15,098,108*l.* This is very satisfactory, especially advances of over seven millions sterling in cotton and woollen goods. Particularly prominent is the gain of 1,000,738*l.* in chemicals and similar products, our total exports attaining 2,731,082*l.* The drug and medicinal preparation figures were as follows:

	1917	1918	1919
	£	£	£
April	266,933	263,741	369,848
Jan.-April	1,120,377	1,009,289	1,434,164

The above figures are distinctly encouraging, and are, no doubt, largely due to the removal of export restrictions and to increased shipping facilities. The May figures will doubtless record a further expansion, as just now a much larger export business is being done in the replenishing of starved markets. As is natural, prices of raw produce show a rising tendency, especially where official control has been removed.

Nux Vomica.—The "Ceylon Observer" (April 14) states that a *communiqué*, laid on the Press table at the Ceylon Secretariat, mentions that information has been received from the Secretary of State for the Colonies that British manufacturers have great difficulty in obtaining sufficient supplies of nux vomica seed. With a view to meeting this demand, the right to collect this article in Crown forests will in future be sold. [Since this was written the situation in nux vomica has entirely altered, there being more than sufficient in London to supply the demand.—ED.]

Ministry of Health Bill.

IN the House of Lords on May 8, when the Ministry of Health Bill came up for further discussion, Lord Bledisloe moved the insertion after the word "disease" in Clause 2 of the words "the avoidance of fraud in connection with alleged remedies therefor." His lordship referred at some length to the Report of the Select Committee on Patent Medicines which, he said, is "the most damning Report ever made by any Select Committee of either House." It discloses a network of fraud and deliberate crime against the physical well-being of the nation, which, in his judgment, is unparalleled in any other civilised country. Continuing, Lord Bledisloe said the chief vendors are those whose operations are directed with a view of playing upon the weakness, particularly the sexual weakness of mankind in this country, by advertising preparations claiming to cure incurable disease or to cause abortion. There are many other nefarious practices which they carry on, as, for instance, advertising alleged remedies of no value at all to cure certain diseases and selling them at a very high price. There are four departments nominally responsible for dealing with these crimes, but no department considers it its duty to prosecute these offenders, and in most cases it was perfectly clear that they are quite impotent to institute any such prosecution. This is a matter that cannot be trifled with or unduly deferred, therefore he asked that it should be made clear at the earliest possible opportunity that among the functions of the new Minister of Health should be the putting a stop to these noxious practices which are so inimical to the health of the population. His lordship gave extracts from the Report to back up his argument.

Viscount Sandhurst, for the Government, said the noble lord had said enough to show that the question is surrounded with difficulties. It teems with obstacles, as is shown in that Report of the Committee which he moved for, and which he had had an opportunity of perusing. But the amendment which he suggests will not extend the provisions of the law that are now in force. The Select Committee were satisfied that the difficulties of bringing powers into successful operation were so numerous and so great for all practical purposes, with the exception of registered poisons, that the sale of these horrible things went on unrestricted. But in Paragraphs 56 and 57 a number of proposals were put forward which required regulations, including the amendment of the Stamp Acts and other Acts of Parliament. The new legislation was enumerated under nine heads, one of which, if he remembered correctly, had six sub-heads, by which these various practices should be made illegal. The Committee drew attention to the fact that the sale of patent medicines came under a variety of Acts and under a variety of authorities—the Home Office, the Privy Council, the Local Government Board, and the Patents Office. They also said that they should be under one department, and in the meantime it was suggested that they should be under the Local Government Board, and under a Health Department if and when such a body was instituted. With those difficulties he felt that, even if he were to accept the amendment in the spirit in which the noble lord has proposed it, he really hardly saw how it would advance the view held by the noble lord. The Marquess of Crewe said that Lord Bledisloe's amendment proposed to transfer to the new Ministry of Health at once all the powers of the Privy Council which relate to health and medical matters, in addition to those explicitly transferred under the Bill—namely, those under the Midwives Act. The question at issue is whether it is possible for the new Ministry of Health to take over now all the powers of the medical and hygienic kind which are now entrusted to the Privy Council. One of the later amendments even covers the whole question of the Medical Register and the entire care of the medical profession which at present is exercised by the Privy Council. It may be that all those functions ought in time to be handed over to the new Ministry of Health, and suggested that the leader of the House should consider whether it is possible to meet the amendments by making the addition to the Bill which would cause that state of things to be brought about at once. Viscount Sandhurst undertook to consult the President of the Local Government Board upon the question and report at a later stage. In the circumstances Lord Bledisloe withdrew his amendment, and mentioned that in the transfer from the Privy Council was the powers which that Council possesses in relation to the qualification and conduct of dentists, chemists, and veterinary surgeons, and also the scheduling of poisons. The amendment was by leave withdrawn.

Festivities.

Drug Union Social and Dance.

Mirth and music were the keynotes of a social and dance held by the Amalgamated Society of Pharmacists, Drug and Chemical Workers, on May 8, at the Queen's Hall, People's Palace, Mile End Road, London. The arrangements were made by Mr. Crawley (Allen & Hanburys, Ltd.), on behalf of the London Wholesale Group, and, judging from the large assembly, among which the ladies predominated, his efforts were highly successful. A capital entertainment, alternated with dances, was provided. Messrs. F. Cooper, E. McCarthy, and C. Crawley acted as M.C.s.

A Memorable Function.

On May 5, the veterans and principal members of the staff of C. R. Harker, Stagg & Morgan, Ltd., were the guests of the directors at a luncheon in the Cannon Street Hotel, London, E.C. The chair was occupied by the Chairman of the company (Mr. T. White), and the other directors present were Mr. Sidney Morgan, Mr. F. C. J. Bird, and Mr. Rowland Stagg. Mr. Harrie, on behalf of the staff, presented to the directors an illuminated address as a token of esteem from all departments in the house. The Chairman and directors having replied, toasts and speeches brought to a close a memorable function in the annals of Devon Wharf.

Anniversary Dinner.

The twenty-fifth anniversary of the Cambridge Pharmaceutical Association was celebrated by a dinner, held in the Lion Hotel, Cambridge, on May 8. A number of interesting speeches were made, among others, by the President of the Pharmaceutical Society (Mr. W. L. Currie) and Professor Sir Clifford Allbutt, K.C.B. Mr. S. J. Parson (President), occupying the chair, proposed "The Armed Forces of the Crown," to which Lieut.-Colonel H. B. Roderick, R.A.M.C., and Major E. S. Peck, 1st Cambs Regt., responded. Lieut.-Colonel Roderick paid a high tribute to the work of dispensers in the war. Major Peck hoped that one outcome of the conflict would be a better recognition of pharmaceutical qualifications, and believed that these qualifications would be appreciated in future for what they were worth. Mr. E. H. Church proposed "The Medical Profession." Sir Clifford Allbutt, replying to the toast, said he thought it might be taken as settled that the British Medical Association would come to Cambridge in 1920. In the course of an amusing and interesting address he went back to the days when the writing of prescriptions was a much more elaborate matter than it is now. He stated that a very great change is coming over therapeutics generally. Mentioning some of the ways in which the pharmacist could help the doctor, he said that the former ought to make a success, both from the business and the professional point of view, out of the new plans. It would be very important if, as part of the policy of the Pharmaceutical Society, they could link up with scientific men, so that there would be a greater connection between what was going on in the larger world of academic research and the things that were immediately important to the pharmacist. Dr. George Roper (Chairman of the Doctors' Panel Committee) was pleased to think that, as a result of the Ministry of Health, the dispensing at present done by doctors would be handed over to the pharmacist. Councillor J. E. Purvis proposed the toast of "The Pharmaceutical Society of Great Britain." The President of the Society responded, and laid emphasis on the educational side of the Society's work. He mentioned the fine work done by graduates of the Pharmaceutical School during the war, and spoke of the formation of an Industrial Council for the profession. Alderman A. S. Campkin also responded. Other toasts included "The University and Town," "The President of the Association," and "Our Guests."

Ucal Dinner.

The dinner of the Ucal Federation, London Branch, held at the Connaught Rooms, Great Queen Street, W.C., on May 8, showed that among the other virtues of the Ucalites is that of knowing how to relax, on occasion, from the pursuit of wealth. A pleasantly informal reception by the President of the Branch (Mr. A. W. Hall) preceded the dinner—the first of these celebrations since 1914. The company, of whom about half were ladies, numbered upwards of 100. The President was supported by Mr. J. Gilbert Jackson (Sheffield), Chairman of the Ucal directors, Mr. G. Hampton, President of Ucal, Mr. Harold Miller

and other directors, and Messrs. Herbert Skinner and Hugo Wolff, members of the Council of the Pharmaceutical Society. Among well-known members and guests at the spur tables were Miss Buchanan, Dr. W. H. Burnhill, Mr. A. R. Keith, Mr. H. R. Procter, Mr. W. E. D. Shirliff, Mr. J. Widgery, Mr. G. A. Tocher, Mr. W. Potter, Mr.



Photo.] AT THE CONNAUGHT ROOMS. [Fradelle & Young.

Dan Davies, Mr. J. Hearle, and Mr. G. W. Evans. An excellent dinner having been disposed of and the loyal toast duly honoured, an instalment of a programme of music (under the accomplished direction of Mr. Arthur C. Chapman) paved the way for the speakers, who with one accord eschewed reconstruction, Industrial Councils, and other serious topics that both they and their hearers were, no doubt, glad to be able to put aside for an hour. In replying to the toast of "The Guests," proposed by Mr. Hearle (Secretary of the Ucal Federation), Mr. J. Gilbert Jackson reminded the audience that it was less than ten years since Ucal was founded; and, after some whimsical reminiscences of the early days of struggle and adventure, forecasted striking developments for the next ten years. History was also drawn upon by Mr. Harold Miller (managing director), who responded to the toast of the Association, proposed by Mr. Dan Davies (Treasurer of the Federation). He had full confidence in the staying power of Ucal, and predicted that in the last lap of a long race with competitors it would not be found wanting. "The Ladies and Visitors" was given by Mr. G. W. Evans (director), whose name was afterwards selected for special mention by the President for services in connection with the organisation of the successful evening. In reply, Miss Buchanan claimed that she represented both puddings and pills, in spite of the wide distinction drawn between these staple commodities by a previous speaker. Although, as she slyly declared, she had received no mandate to be brief, she was admirably terse and persuasive. Dr. W. H. Burnhill (West London), who also replied to this toast, suggested, in a breezy speech, that medical and pharmaceutical bodies might with advantage be brought together. Referring to Cheltenham waters, Dr. Burnhill demurely asked, "Are not the waters of Cheltenham better than the springs of —?" The place-name was lost in a shout of laughter. Mr. G. Hampton was in charge of the last toast—that of the Chairman. Replying, Mr. Hall told the company a little more of the eventful history of the Federation, and ended with a tribute to the organisers of the function, including the toastmaster, Mr. Widgery, who had acquitted himself as to the manner born.

SWISS IMPORTS OF SODA PRODUCTS.—The "Recueil des Lois Suisses" has published an Arrêté of the Federal Council, dated February 25, respecting the supply of soda products to Switzerland. It is provided that anyone wishing to import into Switzerland soda products, sodium carbonate, calcined or crystallised, as well as caustic soda, whether in a pure state or entering, as the principal constituent, into the composition of a mixture, must possess an authorisation of the Federal Council. An authorisation of the Federal Council is also necessary for manufacturing these articles in Switzerland. The authorisation is limited as to quantity and to time, but may be renewed; in the event of disregard of the present regulations (or the rules issued to give effect thereto), the authorisation may be withdrawn. The Federal Council will make the issue of authorisations conditional on compliance with regulations designed to supply the country's requirements of soda at reasonable prices.

Association Affairs.

Birmingham.—On May 7 nearly 100 members of the Birmingham Pharmaceutical Association, and friends, paid a visit to the Charford Works of Southall Bros. & Barclay, Ltd., where they were received by Sir Thomas Barclay and other directors. The stages in the manufacture from crude cotton to medicated wool, the bandage, or the finished sanitary appliance, were followed with great interest, as were also the processes of manufacture of chemicals and galenicals. The visitors were subsequently conveyed in motor-buses to the Grand Hotel, where they were entertained to tea by the company. A vote of thanks was acknowledged by Mr. A. W. Southall. A smoking concert, arranged by the Association, followed. The President (Mr. H. O. Lloyd) informed the meeting that the congratulations of the Association had been forwarded to Sir William Glyn-Jones on his being accorded the honour of knighthood. He announced also that the conviction of Mr. Rushton had been quashed (*C. & D.*, May 10, p. 56). A resolution was passed thanking the Chemists' Defence Association for having appealed against the conviction, and extending congratulations upon the successful issue of the appeal.

Bristol.—At a meeting of the Bristol Pharmacists' Association, held on May 7, it was resolved that after 7 p.m. pharmacists keeping open for dispensing *rota* shall dispense prescriptions only. It was further decided that the Secretary should find out from absent members if they are prepared to support the resolution.

Cardiff.—On May 13 the Advisory Committee of the Cardiff Technical Schools received a deputation of Welsh chemists on the question of the proposed Welsh College of Pharmacy. The views of the deputation were put forward by Mr. Alec. S. Johnson (President of the Cardiff Chemists' Association) and Mr. E. C. Harden (Secretary to the South Wales Federation of Local Associations). The Committee has since advised the Technical Authorities to commence, in September next, two courses of instruction in pharmaceutical subjects, one extending over a period of nine months, enabling the student to proceed direct to the Qualifying examination, and the other a part-time course. These facilities will render the Welsh College of Pharmacy one of the most up to date in the kingdom. Applications for particulars should be sent, at once, to Mr. A. Hagon, 5 Bute Street, Cardiff.

Chemists' Dental Society.—A special Committee-meeting of the Chemists' Dental Society was held at the Holborn Restaurant, London, on May 7. Among those present were the President (Mr. Hearle), Messrs. Brooks, Fairweather, Roberts, and the Secretary (Mr. Benson Harries). The matters for discussion included the final drafting of a circular for the use and guidance of members of the Society in interviewing their Parliamentary representatives. It was decided to hold the annual meeting of the Society towards the end of June, when a good attendance is requested, as more time for a discussion on the position of the Society will be allowed.

Ealing.—The annual meeting of the Ealing Pharmacists' Association was held at Buol's Restaurant on May 6, the President (Mr. S. McKee) in the chair. Among those present were Messrs. Herbert Skinner, Hugo Wolff, and F. Hines (members of the Pharmaceutical Council). It was resolved to support the action of the Proprietary Articles Trade Association, endeavouring to obtain a more equitable incidence of the medicine-stamp duty. A letter of congratulation on the honour to be conferred on him is to be addressed to Sir William Glyn-Jones. The yearly report and balance-sheet, the latter showing a credit balance of over 6*l.*, were adopted. The following officers were re-elected: *President*, Mr. S. McKee; *Vice-President*, Mr. Norris; *Secretary* and *Treasurer*, Mr. T. Marns; *Assistant Secretary*, Mr. Storm. Mr. Herbert Skinner then gave a short address entitled *Trade Board or Industrial Council for Pharmacy*. In explaining the advantages of the latter, the speaker mentioned that three weeks had been allowed by the Ministry of Labour for its formation, otherwise there was the prospect of inclusion in a general Trade Board. The suggested Industrial Council would include all branches of the drug-trade, and the Government authorities would deal with that Council in matters pertaining to the craft. The North-London Pharmacists' Association hopes to model a scheme for the reconstruction of local Associations under the new régime. Messrs. Hines and Wolff also spoke in favour of the Industrial Council, and a general discussion followed.

Great Yarmouth.—The monthly meeting of the Great Yarmouth Pharmaceutical Association was held on May 7, Mr. P. R. Hill (President) in the chair. It was not found possible to send delegates to the forthcoming British Pharmaceutical Conference. Mr. A. E. Richmond gave a report of his attendance at the Conference of Local Association Delegates. Mr. J. S. Shearman reported having attended the Committee-meeting of the East Anglia Federation at Ely, and that the next meeting would be held at Great Yarmouth on Thursday, May 29. He was instructed to make the necessary local arrangements. It was unanimously decided to support the Proprietary Articles Trade Association scheme for the adjustment of the medicine-stamp duty. The Secretary was instructed to send a letter of congratulation to Sir William Glyn-Jones on the honour recently conferred upon him. It was decided to hold an outing this year to Whitlingham, thence by motor-boat to Cantley and Brundall.

Halifax.—At a meeting of the Halifax Chemists' Association, held on May 12, the President (Mr. B. C. Hodgson in the chair), a report of the proceedings at the recent Conference in London was submitted by the Association's delegate (Mr. P. W. Swire). It was decided to invite Messrs. J. Keall and Hugo Wolff to visit the Association, and give their views on the Proprietary Articles Trade Association and face values questions generally. A letter of appreciation was read from Mr. W. H. Saunders for the reception accorded him upon his visit (*C. & D.*, March 1, p. 65). It was reported that "Rep. Mist." would be discontinued on July 1. Mr. Armitage (Hipperholme) was elected a member of the Association. Trade items of a private nature and Ucal correspondence were then discussed.

Harrogate.—The annual general meeting of the Harrogate Pharmaceutical Association was held on May 8. The President (Mr. J. W. Harper) read the annual report, which was adopted. The session has been a successful one. A sum of about 50*l.* was collected for the War Auxiliary Benevolent Fund during March. The following officers were elected for the ensuing year: *President*, Mr. H. F. Illingworth; *Vice-President*, Mr. W. Simpson; *Treasurer*, Mr. P. L. Ridge; *Hon. Secretary*, Mr. J. W. Harper; *Committee*, Messrs. Handford, Mortimer, Pattison, and Crosby; *Auditor*, Mr. Atkinson.

Manchester Assistants.—The Committee of the Manchester Chemists' Assistants' Association has decided to renew the prize competition which has been in abeyance since 1916. The examination, which consists of a written paper on the elements of pharmacy, will be held on Wednesday, June 13, in the Medical School of the University from 2.30 p.m. to 4 p.m. Candidates must give notice in writing of their intention to compete a week before the date of the examination to Mr. Jas. Grier, the University, from whom particulars of the subjects of the examination and other information can be obtained. Three prizes will be offered for competition: (1) a copy of "Remington's Pharmacy," value 25*s.*, offered by Burroughs Wellcome & Co.; (2) a prize of books, value 21*s.*, offered by the Manchester Pharmaceutical Association (these prizes are open to competition to unqualified assistants and apprentices not over twenty-two years of age, residing in Manchester and Salford, or within a radius of twelve miles); (3) a prize, value 10*s.* 6*d.*, offered by the Committee of the Assistants' Association to candidates under nineteen years of age.

Merthyr Tydfil.—A special meeting of the Merthyr Pharmacists' Association was held on May 8, under the presidency of Mr. H. M. Lloyd. Mr. V. A. Wills (delegate to the Local Associations Executive) reported on the proceedings of the London Conference, and observed that great progress was being made through the work of the organisation. In connection with the preparations for the visit, on May 22, of the South Wales and Monmouthshire Federation, it was stated that the delegates would be accorded a civic reception by the Mayor, and that the Executive would meet at 3 p.m., after which the visitors would be taken to places of interest. A meat tea would follow, and the Conference will commence at 6 p.m. Sir William Glyn-Jones and other speakers would deal with matters of pharmaceutical importance. The Chairman hoped there would be a cordial response to the invitations, as organisation was very essential. In no calling was there more pressing and urgent need for this than in pharmacy.

St. Vincent.—The annual meeting of the St. Vincent Association for the representatives of the Medical, Chemical, and Allied Trades was held under the presidency of Mr. Walter Sanford (Duncan Flockhart & Co.) on May 9, when the following officers were elected for the ensuing year:

President, Mr. C. F. Pitt (C. J. Hewlett & Co., Ltd.); **Vice-Presidents**, Messrs. S. J. Massey (Meggeson & Co., Ltd.) and H. E. Curtis (Walton & Curtis, Ltd.); **Treasurer**, Mr. H. G. Mumford (F. Newberry & Co., Ltd.); **Committee**, Messrs. A. R. Arrowsmith, H. B. Everson, R. R. Coates, M. Menzies, A. H. Millner, G. O. Parrott, E. F. Shackelford, H. Terry, C. Ward, and D. Weir. The Association was founded to conserve the interests of the firms represented at the various exhibitions; to promote mutual and social intercourse amongst the representatives engaged thereat; to be a medium for assisting members out of employment and desirous of obtaining appointments; to secure, where possible, travelling facilities and other essential advantages; and, if expedient, to institute a benevolent fund.

Society of Public Analysts.—At a meeting of the Society of Public Analysts, held at Burlington House on May 7, Dr. Samuel Rideal (President) in the chair, a paper was read on *The Analyses of Mercury and Zinc Cyanide and of Double Cyanide Gauze* by Messrs. T. F. Harvey and F. Mackley. According to the authors, double cyanide gauze, so extensively used for field dressings during the war, is prepared by impregnating large rolls of gauze with a previously prepared paste containing about 50 per cent. of mercury and zinc cyanide. Rapid methods of analysis used by the authors for the control of both paste and finished gauze were described.—A paper on *The Estimation of Small Quantities of Antimony* was given by Messrs. W. Beam and G. A. Freak. The process was stated to be a modification of that proposed by Schidrowitz and Goldsbrough, and consists in depositing the metal on a strip of copper foil, as in the Reinsch test, dissolving the antimony in a boiling, alkaline permanganate solution, reduction with sulphur dioxide, and conversion of the antimony into colloidal trisulphide in the presence of gum. Colorimetric comparison is then made with solutions prepared from a standard potassium antimonyl tartrate solution. A continuation (Part VI.) of *Studies in Steam Distillation*, by Mr. H. Droop Richmond, and *The Detection of Cocaine, Heroin, and Veronal in Viscera*, by Mr. P. A. Ellis Richards, were also read.

South Wales Federation.—An informal meeting of the Welsh delegates to the Local Associations Conference took place recently, on the invitation of the President of the South Wales and Monmouthshire Pharmacists' Local Associations Federation (Mr. Leo Josephs, J.P.). It was agreed that, while there should be one Federation for Wales in view of the proposed new legislation embodied in the Health Bill, apart from this consideration, Wales, as a compact nation, should have its own Federation and its own resident Pharmaceutical Secretary as in Scotland. A hearty invitation was extended to the North Wales delegates to attend the annual meeting, which is to be held on May 22 at Merthyr Tydfil.

Swansea.—A meeting of the Swansea and West Glamorgan Chemists' Association was held on May 8, when Mr. J. Keall (President of the Proprietary Articles Trade Association) addressed the members on *Unity of Action*. The following resolutions were passed:

That the suggested scheme of *ad valorem* medicine stamp duty be cordially supported, with the added suggestion that shillings, and simple multiples of shillings only, be allowed in pricing, so as to simplify calculations, and that the 20 per cent. profit required by P.A.T.A. rules should be raised to 25 per cent.

Mr. Keall also gave an excellent summary of the Local Associations Executive Conference, outlining the possibilities which would result from the findings of the Conference. Delegates to the British Pharmaceutical Conference and to the South Wales Conference were appointed. Correspondence referring to discharged men as apprentices was discussed, many members present being prepared to take them on. A vote of thanks was passed to the speaker, and Mr. Keall was asked to convey the congratulations of the Association to Sir William Glyn-Jones on the honour bestowed on him.

Women Pharmacists.—A meeting of the National Association of Women Pharmacists (London Group) was held on May 8 to discuss *Current Topics*. Miss Gilliatt (President) occupied the chair, and announced that Miss Andrews (Employment Secretary) was going to Canada for six months. During her absence the work of the Employment Bureau would be carried on by Miss Sproule, of the Samaritan Hospital. Miss Robertson suggested the urgent need of a trade union for pharmacy. Miss Andrews pointed out that women employed in institutions should join both the Pharmacists' Trade Union and the union of employees of the particular Board to which they were attached.

Scientific Progress.

Temperatures under this heading are on the Centigrade scale.

Monarda Fistulosa Oil.—A Circular (No. 4, October, 1918) has been issued by the University of Wisconsin giving a full account of E. R. Miller's experiments on the oil of *Monarda fistulosa*. The oil distilled from 1915-grown plants was pale yellow in colour when obtained early in the season, the later distillate being deep red. The specific gravity of the oil at 25° was 0.928, or for the oil extracted from the aqueous distillate, 0.970. The phenol value of the oil was 58 per cent., and 98 per cent. for the oil extracted from the water. The oil distilled from 1916 material had a specific gravity 0.9253 and a phenol content of 57 per cent., while the oil obtained from the distillation waters had a specific gravity 0.972, refractive index 1.5045, and phenol value 96 per cent. An exhaustive chemical examination of the oil was carried out, and the following substances were isolated from it: Carvacrol, *d*- α -pinene, *l*- α -pinene, *p*-cymene, one or two terpenes not identified, butyric aldehyde, isovaleric aldehyde, piperonal (?), hydrothymoquinone, thymoquinone, dihydroxythymoquinone, dihydrocuminic alcohol, an alcohol not yet identified, acetic acid, butyric acid, valeric acid, caproic acid, and some basic substances. In the aqueous distillate were found acetone, formic aldehyde, methyl alcohol, formic acid, and acetic acid.

Nitric Acid in Bismuth Subnitrate.—Luce ("Bull. Soc. Chim.," 23, 264-71) describes a method of determining the nitric acid in bismuth subnitrate based on reduction with oxalic acid in the presence of sulphuric acid. The following solutions are required: (1) Standard potassium permanganate (20 grams per litre, standardised against pure ammonium oxalate); (2) standard oxalic acid, prepared from 20 grams of oxalic acid, 300 c.c. of water, 60 c.c. conc. sulphuric acid, cool and dilute to 500 c.c. Into a wide-mouthed flask of about 300 c.c. capacity introduce in succession 0.5 gram of bismuth subnitrate, 1 gram of manganese sulphate, and 50 c.c. of standard solution No. 2. Close the flask with a double-bored stopper. To one side connect a carbon dioxide generator and scrubber, passing the inlet tube 1 cm. below the level of the solution in the flask. On the other side connect a reflux condenser inclined at an angle by connecting with bent tubing. Turn on the carbon dioxide to pass at the rate of one bubble per second, heat the flask on the water-bath, gradually raising the temperature to 90°-95° in the course of half an hour. The reaction commences at that temperature and continues for about an hour and a half. When the evolution of gas ceases, allow to cool, transfer all to a 100 c.c. graduated flask, add the rinse water and dilute to 100 c.c. Shake, filter, pipet off 50 c.c. and titrate with solution No. 1.

Crystal Violet as an Indicator.—Mr. Durrant, at a recent meeting of the Chemical Society (*C. & D.*, January 25, p. 50), explained the uses of crystal violet as an indicator. The demonstration was as follows: Dissolve 0.25 grams in distilled water, dilute to 100 c.c. Drop 0.2 c.c. of this solution from a burette into each of ten test tubes. Introduce 10 c.c. of the following acids into separate test tubes, and 10 c.c. of water into another test tube.

		Relative Hydron Content.
1. Twice normal HCl	gives full yellow tint	180 (?)
2. Normal HCl	" greenish-yellow tint	100
3. N/10 HCl	" full green	10.5
4. N/100 HCl	" deep blue	1.1
5. Normal acetic	" blue-violet	.34
6. Distilled water	" violet	.0000 (?)
7. Normal formic	" deep blue	1.3
8. Normal oxalic	" green	17.4
9. Normal sulphuric	" yellow-green	54.7
10. Twice normal sulphuric	" greenish-yellow	104 (?)

It appears that hydron content of aqueous solution of acids within a limited margin of error may thus be indicated. With care this margin may be made very narrow. The "weaker" the acid, the nearer is the tint to the violet end of spectrum. Subsequent paling occurs with yellow, green, and blue-green tints, the pale tints then are permanent, showing equilibrium. Crystal violet affords also an ocular demonstration of: (a) Reversible changes—since dilution, or careful addition of alkali, reconverts the "acid" tints to violet. (b) Progress of hydrolysis is best shown with 2N, N, N/2, N/4. Caustic soda—colour disappears in one, two, four, eight minutes, or proportionately. The dye-concentration should be constant. With constant alkali-concentration the times required are directly proportional to the dye-concentrations.

Trade Report.

42 Cannon Street, E.C. 4, May 15, 3 p.m.

THE decidedly brisker tone in drugs, chemicals, and general produce noted for several weeks past has continued, and, as will be seen below, some important advances have taken place. The fact remains, however, that prices of a number of pharmaceutical and industrial chemicals continue to crumble, and without reason in some instances. Probably this is due to the fact that they have got into the hands of a number of firms who were not in existence in pre-war days, and certain of them are anxious to liquidate their stocks, and while this is so the downward tendency cannot be eliminated. In certain cases where a genuine shortage exists an improvement operates immediately, notable instances being in phenacetin, phenolphthalein, and resorcin. While the peace terms are being discussed this element of uncertainty has a deterrent effect on any large purchases. Products which have further eased include creosote carbonate, potash permang. and sulphoguaicolate, beechwood creosote, glycerophosphates, theobromine, formaldehyde, potash prussiate, and vanillin. Potash salts (with the exception of potash bromide) cannot now be imported except under licence. Some of those salts, like caustic and carbonate, are very largely used for industrial purposes, and the trade would welcome an announcement as to what the Government intentions are in regard to obtaining these from German sources. A number of knotty problems are likely to arise in this respect, but at present the position is veiled in mystery. A ban has also been placed on the importation of saccharin now that the British industry has been strangled by the lack of official ineptitude. Prices, however, have improved, following on the auction sale last week. The big rise in silver and the advance in the exchange value of the rupee from 1s. 6d. to 1s. 8d. is affecting a number of articles, including Chinese essential oils, silver compounds, and shellac, the latter showing a considerable advance, based on a genuine trade demand and speculation combined. A good instance of the abolition of Government control has been seen in the rapid rise in oil seeds and oils like castor, coconut, Chinese wood, etc. Among essential oils, Mysore sandalwood is lower. Star-anise is dearer, and clove firmer. American peppermint and hand-pressed lime oil are cheaper. Seeds like canary, coriander, and fenugreek have continued in good demand and are again higher. Japanese camphor is very scarce and dearer. Menthol is quiet.

Higher	Firmer	Easier	Lower
Camphor (Jap. ref.)	Agar-agar	Barberry-bark	Cajuput oil
Canary-seed	Albumen	Chiretta	Camphor
Castor oil	Anise oil, star	Condurango	monobrom.
Cloves	Balsam tolu	Creosote carb.	Creosote
Coconut oil	Benzonaphthol	Elecampane	(beechwood)
Coriander-seed	Cassia lignea	Fuonymus	Creosote
Ergot	Citric acid	Formaldehyde	carbonate
Farina	Clove oil	Peppermint oil	Damiana
Fenugreek-seed	Phenol	(Amer)	Glycero-
Ginger	phthalein	Phenazone	phosphates
Hen-yolk		Potashes	Grindelia
Linsced oil		(Canadian)	robusta
Phenacetin		Pot. permang.	Lime oil (h.p.)
Rape oil		Pot. sulpho-	Sandalwood oil
Resorcin		guaic.	Theobromine
Saccharin		Vanillin	
Shellac			
Silver salts			
Simaruba			
Turpentine			
Wood oil (Ch.)			

Cablegram.

NEW YORK, May 14.—Business is quiet. Acetanilide is lower at 38c. Menthol is lower at \$5.90. Senega has advanced to \$1.40, and peppermint oil is cheaper at \$8.50. Balsam tolu is higher at \$1.40, and taraxacum-root has been reduced to 22c. per lb.

ACETANILIDE.—There appears to be no hope of any recovery unless acetic acid should undergo a marked change for the better, while aniline oil is also available in abundance; spot prices are from 2s. 6d. to 2s. 3d. per lb.

AGAR-AGAR is firmer, with spot sales of No. 1 Japanese strip at from 2s. 6d. to 2s. 9d. No. 2 is scarce, value being 2s. 7d. to 2s. 7½d. if obtainable.

ALBUMEN.—Spot sales of Chinese egg have been made at 4s. to 4s. 4½d. per lb., and for April-May shipment 4s. c.i.f. has been paid.

ALCOHOL (ABSOLUTE) has been advanced by 37s. per gal. ALDERS.—The sales include medium Curaçao in cases at 92s. 6d. to 90s. per cwt.

AMIDOPYRIN.—From a small consignment just to hand 60s. per lb. is quoted.

ANISE is quoted 80s. per cwt. for Russian and 90s. for Spanish, without any business reported.

ANISE OIL, STAR, is firmer, with spot sales of "Red Ship" brand at 4s. 6d. to 4s. 9d., and to arrive 4s. 6½d. c.i.f. is quoted.

ASPIRIN.—There is a very fair demand, with prices unchanged, sellers quoting 5s. per lb. for small parcels of B.P. quality, and for forward delivery rather less will buy.

BELLADONNA-LEAVES are offered at 2s. 6d. per lb. on the spot. Root, testing 0.25, can be had at 2s.

BENZONAPHTHOL.—The cheaper stocks appear to have been reduced considerably, and the spot price shows a recovery to 30s. per lb.

BROMIDES.—The stocks of bromides on spot appear to be light, and should a sudden demand set in prices might easily be raised several pence. Quotations are unaltered, and are as notified in last week's issue.

CALCIUM LACTATE of B.P. quality can be had at 9s. per lb.

CALUMBA.—Sales of fair natural sorts have been made at 90s. per cwt. on the spot.

CAMPHOR (REFINED) is again dearer, spot sales of Japanese 2½-lb. tablets having been made at from 9s. 6d. to 10s. per lb., and buyers. Sales to arrive include May-June shipment at 9s. 4½d. c.i.f., and buyers.

CAMPHOR MONOBROM. is cheaper at from 12s. 6d. to 13s. per lb. on spot.

CANARY-SEED is dearer again, 160s. per quarter having been paid, c.i.f. terms, for Morocco quality for shipment.

CARAWAY-SEED remains unchanged at 120s. per cwt. for Morocco and Tunis on the spot.

CASCARA SAGRADA is quiet at from 110s. to 112s. per cwt. on the spot.

CASSIA LIGNEA is firmer, with sellers of whole selected and broken at 85s. per cwt. on spot.

CASTOR OIL is dearer, pharmaceutical quality being quoted at 89s. and first pressing at 86s. The Ministry of Food intends to sell about 5,000 tons by public auction on May 27.

CHLORAL HYDRATE.—Buyers appear to be fairly well stocked just now, and the price of crystals is unchanged at 6s. 9d. per lb., duty paid.

CITRIC ACID.—Owing to the fact that so much stock has been taken for the market for the U.S., there is a firmer feeling at from 4s. 4½d. to 4s. 5d.

CLOVES are dearer, with spot sales of fair Zanzibar at 1s. to 1s. 1d. per lb.

COCAINE.—The spot stock of hydrochloride has been appreciably reduced, but limited supplies are still available at 33s. per oz.

COCA-BUTTER.—Prime English is quoted at 2s. 7d. per lb. ex works.

COD-LIVER OIL.—Our Bergen correspondent writes on May 5 that the total results of the cod-fishing up to May 3 were as follows:

	1917	1918	1919
Catch of cod (millions)	...	21.9	15.3
Yield of c.l.o. (hect.)	...	32,110	15,210
Liver for "raw" oils (hect.)	...	3,252	4,173

The Finmarken fishing is proving favourable. The maximum prices for cod-liver oil are still maintained in Norway, but for export there are no restrictions in regard to prices. It does not seem possible for finest non-congealing Lofoten oil to go much below 425s. per barrel c.i.f. London. It is difficult to hear of any export licences being granted, but permission cannot much longer be withheld.

CONDURANGO.—Sales have been made at 8d. per lb., but 7d. will now buy in quantity.

CORLANDER-SEED is dearer, with sales of 1918 crop Morocco on the spot at 27s. 6d. up to 29s. per cwt.

CREOSOTE (BEECHWOOD) is rather cheaper at 10s. 6d. per lb. in demijohns; several important export inquiries are in the market.

CREOSOTE CARBONATE is being imported more freely from France, with the result that the price has fallen to 50s. per lb.

CUMIN-SEED is dull and unchanged at 37s. 6d. to 42s. 6d. per cwt. for ordinary to good sifted Morocco.

DAMIANA-LEAVES are obtainable at 1s. 2d. per lb. on the spot.

DILL-SEED.—Sales have been made at 29s. per cwt. for ordinary East India, being steady.

EGG-YOLK.—A good business has been done at higher prices, the sales including China 2 per cent. boric on spot at 185s. to 180s. and May-July shipment 83s. to 85s. c.i.f. Dried yolk has also been active at from 1s. 9d. to 2s. 6d. on

spot; May-June shipment has been done at 2s. 3d. to 2s. 6d. c.i.f., and May-July at 2s. 6d. c.i.f.

ERGOT appears to be practically unobtainable on the spot. FARINA is again dearer, with spot sales of No. 1 Japanese at 47s. to 47s. 6d. per cwt., and April-May shipment at 47s. *Sweet* has been sold at 40s. spot and at 39s. c.i.f. afloat.

FENNEL-SEED is quiet at 33s. per cwt.

FENUGREEK-SEED is dearer at 18s. 6d. to 19s. per cwt. for good Morocco on the spot.

FORMALDEHYDE is in good demand, this being due to the hot weather. Active competition has, however, forced down the price to 125l. per ton on the spot.

GINGER.—Sales of washed Cochín have been made at 80s. per cwt. on the spot, being dearer. Japanese is held for an advance of 5s., at from 45s. to 50s.; small sales of Sierra Leone have been made at 40s. per cwt. in Liverpool.

GLYCEROPHOSPHATES.—Some large arrivals have taken place, which accounts for prices having been eased down by about 6d. per lb. all round.

GRINDELIA ROBUSTA is cheaper, with spot offering at from 1s. 2d. to 1s. 4d. per lb., according to seller.

GUAIACOL CARBONATE.—Some export business is being done, prices showing no change at from about 34s. to 36s. as to seller.

KOLA.—Small sales of good African quarters are reported from Liverpool at 7½d. and halves at 5d. per lb.

LIME OIL.—Fair West Indian distilled is unchanged at 4s. 6d., but hand-pressed is cheaper at 12s.

LINSEED OIL.—The recent rapid rise to new high records under an excited demand from home manufacturers, and also for export, has been fully maintained. The fact may be recalled that the highest figure officially fixed during the war period was 75l. a ton, and that the official rate that was last in force prior to de-control amounted to 58l. With the resumption of open dealings recently prices went up quickly to well upward of 80l. for all positions, and sellers even now do not seem eager with spot delivery here at fully 91l. a ton, while delivery into late summer is held for 86l. 10s. The smart rise which took place in linseed of course made crushers very reserved, although there is just a possibility that the advance has been unduly forced. Much, however, depends on the state of the seed market, which is rather uncertain until business can be re-established on a more workable basis. Pressure to secure freight has been intense, but it is now stated that seed is coming along a little more freely.

LIQORICE-JUICE.—Spot sales of finest Italian sticks have been made at 470s. per cwt.

MENTHOL is quiet, with spot sellers of Kobayashi-Suzuki at 23s. 6d. per lb. Speculative interest has been diverted for the moment to other products, which are moving more rapidly.

MERCURIALS.—It has been decided to make no change at the moment. A small premium has to be paid on the makers' prices of some of the salts, such as calomel.

MILK-SUGAR.—For small lots dealers quote from 1s. 7d. to 1s. 8d. Dutch is in the market again.

MINT OIL.—Quiet, but steady, at 5s. 10½d. per lb. for Kobayashi-Suzuki on the spot, and for shipment 5s. 7½d. c.i.f. is quoted.

ORANGE-PEEL.—Good bright so-called Maltese strip is quoted at 2s. 3d. from second-hands.

PEPPER is firmer, with spot sellers of black Singapore at 11d. per lb.; Tellicherry is 11d., and Aleppy 10½d. spot. White is also firmer, at 1s. 4½d. for Singapore and Muntok at 1s. 4¾d. to 1s. 5d., which has been paid.

PEPPERMINT OIL.—Our New York cable intimates a reduction in tin oil to \$8.50 per lb., and the spot price has been modified to 45s., second-hands quoting limited quantities at 42s. 6d.

PETROLEUM JELLY.—Prices range from 45s. up to 85s. per cwt., the latter for snow-white.

PHENACETIN.—Only limited quantities have been imported lately, and as there has been a brisk demand for spot parcels up to 13s. per lb. has been paid. For delivery from consignments just arrived it may be had somewhat cheaper.

PHENOLPHTHALEIN is firmer and in fair demand at from 25s. to 26s. per lb.

POTASH PERMANGANATE.—Holders of stocks are forcing sales, and B.P. quality of foreign make can be had at 3s. 3d. per lb.

POTASH PRUSSATE.—The spot stocks of yellow appear to be much in excess of the demand, with the result that the price has receded to 1s. 9d. The same applies to red prussate, which is offered at 6s. per lb.

POTASH SALTS.—The importation of all potash salts has been prohibited except under licence (see p. 68).

POTASHES.—Montreal firsts are easier at from 220s. to 225s. per cwt.

QUICKSILVER.—According to the latest American advices the market there is quite firm, with a fairly brisk demand, and the full recovery from the recent depression about corresponds with the advance enforced last week by leading importers in London. The Mexican supplies diverted to the U.S. have been unimportant, and the tone at San Francisco is much firmer. The fact that American is not coming to this side except in small lots and the revival of buying here have evidently induced more confidence, despite large arrivals. About 200 bottles of Italian quicksilver have come in, the disposal of which is in the hands of the leading firm. The market is rather wide, while purchases appear to be possible at below 16l., although quotations range up to 16l. 10s. per bottle. This was the position up to Wednesday, when it was reported that quotations were withdrawn.

QUININE ETHYL CARB. has met with a good inquiry, the spot price being 12s. per oz.

RAPE-SEED.—The position is strong, while the stringent condition of the oil product has been accentuated by the fact that Government stocks have already been liquidated. Additional supplies of rape-seed appear to be rather badly needed. The price of crude rape oil on the spot has been lifted to fully 100l., but the market is nominal.

RENNET.—With regular shipments coming forward from Denmark, current prices are about as follows: *Extract* 1: 10,000, 20s. per gal.; 1: 12,000, 23s. 3d.; 1: 15,000, 29s. 9d. *Powder*, 1: 100,000, 27s. 6d. per lb.; 1: 200,000, 53s. per lb., these prices being for shipment.

RESORCIN.—The cheap stocks seem to have disappeared, and up to 20s. has been realised for spot parcels.

RHAPONTICA.—A parcel of 20 bags of medium rough round Chinese sold in auction last week at 9½d. per lb., but 10d. has since been paid, and 1s. is now asked.

SACCHARIN.—Since the auction last week, when up to 12s. 4d. per lb. was paid in bond, the market has further appreciated, the lowest price for American 550-strength being 12s. 9d. per lb. in bond. The importation of saccharin and mixtures containing saccharin and other substances of like nature and use has been prohibited except under licence. We note that 500 cases (50,000 lb.) have arrived from New York this week. The American price of \$4.00 to \$4.25 is much above the London parity, so that, apart from the embargo, there is little desire to apply for an export licence. The imports into the United Kingdom for the four months ending April amounted to 18 tons, compared with 15 tons for April 1918.

SALICYLIC ACID.—The low prices now ruling have undoubtedly stimulated the consumption. The distinction in price between English needle crystals, which is worth 1s. 7d., and the voluminous U.S.P. powder, which is offered at 1s. 5d., is beginning to be more appreciated in favour of the former product.

SALOL is offered at about 4s. per lb. on the spot, which reasonably low figure should attract export demand.

SANDALWOOD OIL.—The official price of Mysore Government oil has been reduced to 45s. per lb. net ex warehouse London, with protection against decline in price for ninety days from date of contract.

SHELLAO shows a further substantial advance, sales of usual standard TN Orange quality having been made at from 270s. to 300s., fine Orange at 340s. to 370s., and blocky AC Garnet from 230s. to 255s.; TN for August delivery has been sold at from 275s. up to 320s.; to arrive, near at hand has been sold at 265s., May-June shipment at from 255s. to 270s. c.i.f., and May-July at 260s. to 280s. c.i.f.

SODA HYPOSULPHITE.—The photographic trade seems unusually quiet at the moment, and dealers are buying very sparingly at the quotations notified last week.

SODA SALICYLATE remains practically unchanged at 2s. 6d. per lb. for B.P. powder.

SOY.—Spot sales of Chinese in tins and cases have been made at 56s. per cwt.

TARTARIC ACID is moving off a little more freely, due to the hot weather; spot values are still from 3s. 3d. to 3s. 3½d.

TERPIN HYDRATE is offered at 2s. 11d. per lb.

THEOBROMINE.—The pure alkaloid is offered at 32s. and sodium salicylate at 19s. 6d.

THYMOL.—Indian make, ex ajowan-seed, is offered at 30s. to 32s. from parcels on the spot.

VANILLIN.—A good trade is being done, but the price continues to ease down, from 38s. to 37s. 6d. per lb. being quoted.

WAX, BEES'.—Sales of East African and Abyssinian have been made at 9l. per cwt. net.

WAX, VEGETABLE.—Japanese is steady, with spot sellers at 75s. per cwt., at which business has been done.

WITCH-HAZEL-LEAVES can be had at 1s. per lb. on the spot.

WOOD OIL.—Chinese on the spot is dearer at 98s. per cwt., and afloat is 87s. 6d. c.i.f.

Arrivals of Chemicals, Drugs, etc.

The following arrivals have taken place at the various ports named:

London
(Apr. 28 to May 3).
Acetone (St. John, N.B.), 84 drms.
Almonds (Sp.), 803 bgs.
30 bls. 132 brls. 450 cs.
Barytes (U.S.), 571 brls.
Chemicals, etc., un-
rated: (Fr.) 35
pkgs., (N.Y.) 59
pkgs.
Acetic acid (U.S.),
272 brls. 50 cs.
Aspirin (N.Y.), 4 brls.
Barium carb. (N.Y.),
561 bgs.; chloride
(N.Y.), 29 brls.
Betanaphthol (U.S.),
13 brls.
Formaldehyde (U.S.),
112 brls.
Hexamine (N.Y.), 20
cs.
Oxalic acid (N'way),
40 cs.
Pot. bromide (U.S.),
33 cs.
Pot. chlorate (Swed.),
600 kgs.
Pot. pruss. (Holl.), 8
cs.
Sal acetos. (N'way),
40 kgs.
Saltpetre (E.I.), 3,702
bgs.
Soda bichrom. (N.Y.),
64 brls.
Soda bromide (U.S.),
38 cs.
Tartar (Fr.), 30 cs.
Tartaric acid (It.),
149 brls.
Zinc stearate (N.Y.),
10 brls.
Creosote (Swed.), 25 cs.
Drugs, unrated: (Fr.)
26 cs., (U.S.) 511
cs. 268 pkgs.
Benzoin (S'pore), 416
cs.
Cardamoms (R'goon),
51 cs.
Elderberries (Port.),
30 cs.
Liquorice-juice (It.),
110 cs.
Menthol (Fr.), 85 cs.
Nux vomica, 222 bgs.
Orange peel (Fr.), 16
bls.
Roots, barks, etc.
(N.Y.), 206 pkgs.
Tamarinds (Barb.),
140 brls.
Tonka beans (Trin.),
16 brls.
Drugs, medicines, etc.,
unrated, 46 bbls.;
dioxygen (N.Y.), 11
cs.; fellows' syrup
(N.Y.), 62 cs.; lini-
ment (N.Y.), 375 cs.;
pills (N.Y.), 54 cs.;
plasters (N.Y.), 23 cs.
Dyes, dyeing and tan-
ning materials, etc.,
unrated (Fr.), 18
cks., 3 cs.; aniline
colours (N.Y.), 30
pkgs.; barks and
herbs (N.Y.), 70 bls.
52 brls. 68 bgs.;
extract, (Fr.) 615 cks.,
(Corsica) 400 brls.,
(U.S.) 20 brls.; my-
rabolans (Ind.), 4,000
pkts.
Glucose (U.S.), 280 brls.
Gums, resins, etc.: un-
rated, (Alex.) 100
bgs., (N.Y.) 100 cs.,
(B'bay) 60 bgs.;
acacia (Aden), 49 bgs.,
copal, (N.Y.) 70 pkgs.,
(S'pore) 458 cs.,
(Holl.) 26 bls. 352
bks.; karaya (Bom-
bay), 60 bgs.; lac
(Cal.) 150 cks. 242
bgs.; button, 50 cks.
154 bgs.; garnet, 50

cks. 25 bgs.; seed
(Ind.), 24 cs.; resin
(U.S.), 360 brls.
Honey, (Trin.) 9 cs.
21 cks.
Lime-juice: (Dem.) 45
hds., (Trin.) 16 cs.,
(St. Luc.) 3 cks.
Lithopone: (R'dam) 24
cks., (U.S.) 1,000 cks.
Magnesite (Ind.), 5,923
bgs.
Malt extract (N.Y.),
200 brls.
Oils, essential, unrated:
(St. John, N.B.) 21
cs., (U.S.) 6 drms.,
(It.) 76 cs.; cinna-
mon (R'goon), 20 cs.,
eucalyptol (Aust.),
27 cs.; eucalyptus
(Aust.), 212 cs.;
peppermint (Fr.), 30
cs.; orange (Jam.),
40 cs.; sandalwood
(Aust.), 22 cs.

Oils, fixed: coconut
(R'dam) 1,357 brls.,
(Cey.) 388 cks.,
(R'goon) 876 cks.,
220 pkgs. 406 brls.;
cotton (R'dam), 728
brls.; olive (Fr.),
57 cks. 50 cs.; palm
(R'dam), 1,467 brls.;
peach kernel (U.S.),
11 cs.; rape (R'dam),
1,664 brls.

Perfumery (Fr.), 217 cs.
Seeds: castor (Cal.),
3,375 bgs.; copra,
(B. Af.) 9,640 bgs.,
(S'pore) 837 bgs.,
(Pen.) 1,748 bgs.;
cotton (Alex.), 3,206
tons, 200 brls. 8,816
bgs.; ground-nut,
(N.Y.) 666 brls.,
(Aust.) 1,300 tons;
kola (W. Ind.), 4 bgs.
1 brl.; lin. (Alex.),
33 brls.; mustard,
(Den.) 1,262 bgs.,
(It.) 1,671 bgs.

Soapstone (Fr.), 775
bgs.
Spices: cassia (Gren.),
6 cs.; cloves (B.
Af.), 3,163 bls.;
mace (Pen.), 60 cs.
36 brls.; nutmegs,
(Pen.) 30 cs., (W.I.)
55 bgs. 33 brls.;
pepper, (M.I.) 319
bgs., (S'pore) 84 bgs.,
(Pen.) 329 bgs.;
pimento (Jam.), 586
bgs.; turmeric (Ind.),
40 bgs.

Talc (Fr.), 1,371 bgs.
Tallow, (Aust.) 425
cks. 140 pkgs. 72 cs.
341 pps., (Bgpt.) 650
cks.
Wax, bees' (Alex.) 32
bgs., (Ind.) 67 pkgs.,
(Aden) 1 bgs.
Wax, paraffin (U.S.),
150 cs.
Wax, veg. (N.Y.), 20 cs.

Liverpool
(Apr. 28 to May 3).
Chemicals: calcium
borate (Chile), 6,550
cks.; saltpetre (E.I.),
2,950 bgs.; soda
bromide (N.Y.), 20
cs.; soda nitrate,
20,181 cks.; tartar
(Sp.), 23 bls.
Drugs, medicines, etc.:
Sloan's liniment
(N.Y.), 857 cs.;
plasters, 170 pkgs.;
Drugs: cardamoms,
(Cey.) 50 pkgs.;
cinnamon (Cey.), 542
pkgs.; cinchona
(Africa), 26 bls.;
quillaia (Chile), 370
bls.; yohimbebe (W.
Af.), 299 bgs.

Manchester
(Apr. 29 to May 2).
Acetone (U.S.), 230
drms.; acetic acid
(N.Y.), 133 brls.;
acetone, methyl
(U.S.), 39 drms.; coco-
nut oil (Cal.), 8,130
x 1 cs.; kola nuts
(W. Af.), 11 bgs.;
lac, garnet (Cal.), 25
bks.; lin. (Cal.),
10,681 bls.; myra-
bolans (Cal.), 5,643
pkgs.; palm kernels
(W. Af.), 21,516 bgs.;
pepper (N.Y.), 145
bbls.; phosphorus
(St. John, N.B.),
250 cs.; yohimbebe
bark (W. Af.), 1,602
bgs.

Dyes, dyeing materials,
etc.: tanning ex-
tract, (Rosario)
55,754 bgs., (Ind.)
1,852 pkgs., (Phila.)
200 brls.; myrabo-
lans, crushed (Ind.),
6,643 pkgs.
Glucose (N.Y.), 746
brls.
Gums: copal (S'pore), 35
cs.; damar (S'pore),
125 cs.

Honey (Jam.), 35 pkgs.
Nicotine solution
(N.Y.), 67 cs.
Oils, essential: un-
rated (Sp.) 16 pkgs.;
cinnamon (Cey.), 10
pkgs.; citronella
(Cey.), 12 pkgs.;
orange (Jam.), 6
pkgs.; turpentine
(U.S.), 1,000 brls.

Oils, fixed, and fats:
coconut, (Ind.) 8,130
x 1 cs., (Cey.) 1,230
pkgs.; palm (W.
Af.), 1,050 cks.
Seeds: copra (S'pore),
1,257 bgs.; ground-
nut (N.Y.), 400 bgs.;
kola (W. Af.), 271
bgs.; lin. (Cal.),
10,681 pkgs. 1,590
bgs.; palm (W. Af.),
20,473 bgs. 81 tons.

Spices: cloves (Cey.),
60 pkgs.; ginger
(Jam.), 9 pkgs.;
pepper (Cey.), 106
pkgs.
Wax, paraffin, (U.S.)
500 pkgs. 3,700 bgs.
400 brls.; (S'pore)
800 bgs.

Southampton
(Apr. 28 to May 2)
Casein (Fr.), 24 pkgs.;
drugs (Fr.), 10 cs.;
olive oil (Fr.), 90
cks.; orange-peel
(Fr.), 29 brls.; per-
fumery (Fr.), 14 cs.

Hull
(Apr. 26 to 30).
Alumina sulphate
(N.Y.), 464 brls.;
barytes (N.Y.), 661
bls.; copal gum
(Congo), 1,013 bgs.;
corn syrup (N.Y.),
1,199 brls. 1,200 cs.;
lead, white (N.Y.),
241 brls.; palm
kernels (Congo),
9,343 pkgs. 1,786
bks. 9,966 bgs.;
palm oil (Congo), 123
brls. 30 drms.; pot.
carb. (N.Y.), 35 cks.;
salicylic acid
(N.Y.), 5 brls.; wax,
unrated (Congo), 61
pkgs.

London
(May 6 to 12).
Alcohol (St. John,
N.B.), 70 drms.
Barytes, (U.S.) 811
brls., (Sp.) 1,993 pkgs.
Calc. carbide (St. John,
N.B.), 12,500 drms.
Chemical products, etc.:
unrated (Fr.), 16
pkgs.
Acetanilide (N.Y.),
15 brls. 104 cs.
Acetic acid (U.S.),
81 brls.
Acetone (St. John,
N.B.), 80 drms.
Argol (Port.), 602
Arsenic (S'pore), 100
cs.
Aspirin (N.Y.), 80 cs.
Benzoic acid, 13 brls.
Calc. glyceroph.
(N.Y.), 142 cs.
Calc. lactate (R'dam),
4 cs.
Cerium and thorium
nit. (N.Y.), 52 cs.
Coumarin (N.Y.), 21
cs.
Hexamine (N.Y.), 10
Hydroquinone (N.Y.),
10 kgs.
Phenacetin (N.Y.),
20 cs.
Pot. iodide (Jp.),
30 cs.
Saccharin (N.Y.),
400 cs.
Soda benzoate (N.Y.),
7 brls.
Soda bichrom.
(N.Y.), 33 cks.
Tannin (Fr.), 10 cks.
Tartar (Port.), 248
bgs.
Vanillin (N.Y.), 40
cs.

Drugs, medicines, etc.:
unrated, 468 pkgs.;
dig syrup, 6,000 cs.;
glaxo (N.Y.), 12,576
pkgs.; listerine
(N.Y.), 743 cs.;
vaseline (N.Y.), 2,979
cs.

Drugs, etc.; not de-
scribed (N.Y.), 301
pkgs.
Agar-agar, 50 bls.
Aloes, Cape, 50 cs.
Benzoin (S'pore),
189 cs.
Calabar beans (W.
Af.), 77 bgs.
Calumba (Cey.), 25
bgs.
Camphor (Jp.), 119
Cantharides (Ch.),
75 cs.
Cardamoms (Cey.),
135 pkgs.
Cascara (N.Y.), 702
Croton seed, 10 bgs.
Dragon's blood, 9 cs.
Elecampane (N.Y.),
41 bgs.
Galls (Ch.), 10 cs.
Gamboge (S'pore), 6
Kola (W.I.), 17 bgs.
Nux vomica (Madras)
100 bgs., (Cal.)
2,240 pkts. 200 bgs.
Papain (Cey.), 2 cs.
2 cks. 6 pkgs.
Senna (Cal.), 29 bls.
Witch hazel (N.Y.),
11 brls.; witch-
hazel leaves (N.Y.),
136 bls.

Dyes, dyeing and tan-
ning materials, etc.:
unrated (Fr.), 22
pkgs.; tanning ex-
tract (S'pore), 5,000
bgs.; indigo (N.Y.)
38 scrons 3 kgs.,
(Madras) 19 chts.,
(W. Ind.) 15 serons,
(C'cutta) 109 chts.;
logwood ext. (U.S.),
50 brls.; myrabolans
(E.I.), 600 bgs. 3,528
pkts.

Egg products: albu-
men (Ch.), 213 cs.;
whole egg (Jp.), 93
brls.; yolk, (Ch.)
1,500 cs., (Jp.) 125
brls.
Gums, resins, etc.: un-
rated, (Natal) 50
bgs., (N.Z.) 500 cks.;
copal, (N.Y.) 83 cs.,
60 bgs., (S'pore) 225
cs.; damar (S'pore),
515 cs.; lac (C'cutta),
530 bgs. 100 cs. 1,607
bls.; button (Cal-
cutta), 88 bls.; re-
sin (N.Y.), 1,000 brls.
Honey: (N.Y.) 453 cs.,
(Phila.) 300 cs.,
(Aust.) 2,315 cs.,
(Jam.) 58 cks., (N.Z.)
500 cs.

Lime juice (Jam.), 22
pns.
Oils, essential, unrated:
(Port.) 2 cs., (Fr.)
2 cs.; anise (Ch.),
375 cs.; citronella,
(B'bay) 14 crts.,
(Cey.) 27 drms.;
mint (Jp.), 40 cs.;
patchouli (Fr.), 20
cs.; turpentine
(N.Y.), 500 brls.

Oils, fixed, and fats:
unrated (R'dam),
2,163 brls.; coconut
(R'dam), 397 brls.;
cottonseed, (Ch.)
5,000 cs., (R'dam)
438 brls.; fish, hard
(Jp.), 230 cks.; nut
(Jp.), 300 cks.; palm
(R'dam), 189 brls.;
rape (R'dam), 1,186
brls.; soya (Jp.),
5,000 cs.; sperm
(Jp.), 1,150 cs.;
whale (Cape), 200
drms.; wood, (Phila.)
115 brls., (Ch.) 240
brls.

Perfumery (Fr.), 53
pkgs. 28 cs.
Seeds (oil), not de-
scribed (E. Af.), 133
bgs.; annatto (Ind.),
8 bgs.; castor (E.I.),
29,862 bgs.; copra,
(Straits) 18,476 bgs.,
(E. Af.) 627 bgs.;
ground-nuts, (Ch.)
4,477 bgs., (Aust.)
1,010 t.; illipe
(S'pore), 2,978 bgs.;
mustard, (C'hagen)
316 bgs., (C'cutta)
359 pkgs.; sun-
flower (Natal) 328
bgs., (Cape) 5,502
bgs.

Soy, (Jp.) 30 cks., (Ch.)
150 cks. 962 cs. 145
pkgs.
Spices: capsicums and
chillies (E. Af.),
123 bgs.; caraway
(R'dam), 300 pkgs.;
cassia, (Ch.) 200 cs.;
cinnamon, (U.S.) 105
bls. (E.I.), 28 cs. 45
bls., (Cey.) 441 bls.;
ginger, (W. Af.) 1,750
bgs., (Ch.) 677 cs.,
1,150 cks., (Jam.) 98
brls. 1,989 bgs.;
nutmegs, (S'pore)
168 cs., (Jam.) 2
brls.; pepper, (S'pore)
1,619 bgs., (Cey.) 6
bgs., (N.Y.) 845 bgs.,
pimento (Jam.),
1,805 bgs.

Vanilla (N.Z.), 65 cs.
Wax, unrated (N.Y.),
63 bgs.
Wax, bees' (E. Af.) 25
blocks, 318 bgs.,
(W.I.) 16 bgs., (Cal-
cutta) 50 cs.
Wax, carnauba (N.Y.),
546 bgs.
Wax, paraffin, (U.S.)
1,600 brls. 1,065 bgs.
(B'bay) 2,032 bgs.,
(S'pore) 3,200 bgs.

Liverpool
(May 5 to 12).

Barytes (Sp.), 252 brls.
Chemicals, etc.: acet-
anilide (N.Y.), 96
pkgs.; aspirin (N.Y.),
120 cs.; benzoates,
acid (N.Y.), 5 brls.;
soda, 5 pkgs.; bro-
mides, soda (N.Y.),
10 cs.; coumarin
(N.Y.), 33 pkgs.;
creosote (N.Y.), 7
pkgs.; hexamine
(N.Y.), 7 kgs.;
phenacetin (N.Y.),
10 pkgs.; pot. chlor.
(Fr.), 500 pkgs.;
radium (N.Y.), 2
pkgs.; saccharin
(N.Y.), 100 cs.; salol
(N.Y.), 5 pkgs.; soda
butyrate (N.Y.), 9
pkgs.; soda chlorate
(Fr.), 500 pkgs.;
glycerophosphates
(N.Y.), acid, 10 pkgs.;
calc., 16 pkgs.; soda
84 cs.; strychnine
tartrate (Fr.), 236
pkgs.; tartar (Sp.),
4 cks.

Drugs, etc.: balsams,
not described (Pen.),
9 pkgs.; balsam
toli (N.Y.), 33 pkgs.;
cascara (N.Y.), 274
cks.; cherry bark
(N.Y.), 7 pkgs.;
jalap (Mex.), 69 bgs.;
witch-hazel leaves
(N.Y.), 22 bls.

Drugs, medicines, etc.,
not described (U.S.),
2,029 pkgs.
Dyes, dyeing and tan-
ning materials; bark
(W. Af.), 324 bgs.;
tanning extract,
(Fr.) 520 pkgs., (U.S.)
999 brls.; logwood
(Jam.), 378 cks.;
quebracho (S. Amer.),
4,314 bgs.

Gums, resins, etc.: un-
rated (Port.), 119
bgs.; resin, (Fr.)
437 pkgs., (Port.)
310 cks.

Honey, (Ecu.) 167
pkgs., (Jam.) 588
cks., (Mex.) 66 brls.

Lime juice (Jam.), 16
pns.

Lithopone (U.S.), 320
Oils, essential: linaloe
(Mex.), 5 cs.; pepper-
mint (Fr.), 10 pkgs.;
pimento (N.Y.), 26 cs.

Oils, fixed: palm (W.
Af.), 1,172 cks.

Quicksilver (Mex.), 21
flasks.

Seeds: ground-nut
(W. Af.), 2,214 t.;
lin (B. Ayres), 7,007
bgs.; palm kern.
(W. Af.), 11,140 bgs.

Spices: cloves (B'bay),
610 pkgs.; ginger
(Jam.), 266 bgs.

Talc (Fr.), 200 pkgs.
400 bgs.

Vanilla (N.Y.), 40 pkgs.

Wax, bees' (N.Y.), 114
bgs.

Wax, carnauba (Brazil),
390 bgs.

Wax, paraffin (U.S.),
336 pkgs.

Hull
(May 5).
Glucose (N.Y.), 165
pkgs. 65 gals.;
ground-nuts (W. Af.),
1,738 t. 813 bgs.;
lithopone (R'dam),
80 cks.; pot. carb.
(N.Y.), 35 cks.; Tri-
poli powder (N.Y.),
300 pkgs.; turpentine
(Swed.), 17 cks.

Import and Export Regulations

Import Restrictions.

By a proclamation appearing in the "London Gazette" (May 9), the import, except under licence, of the following articles is prohibited:

Potash salts—namely, potassium carbonate, bicarbonate, chlorate, perchlorate, chloride or muriate, chromate and bichromate, cyanide, ferrocyanide or yellow prussiate, hydrate or caustic, nitrate, permanganate, sulphate, including potash alums and potash manurial salts, and mixtures containing any of these substances. Saccharin and mixtures containing saccharin and other substances of like nature and use.—The Board of Trade announce that the restrictions on the importation of the following goods are to be removed: Antimony, crude, regulus, and sulphide; lead capsules; ampoule files; cattle de-horning instruments; oil-cans; spectacle-cases of metal; bronze powder. Photographic apparatus as follows: Ferrotypes plates; camera shutters; positive papers; collapsible tubes, tin or lead; unglazed spectacle ware of all kinds; soap and soap-stock. The importation of the following is to be licensed only exceptionally, as and when required: Cameras fitted with lenses; surgical and medical instruments; methyl alcohol; scientific and optical glassware, of which the following articles are indicated:

- | | | | | | |
|---|--|--|--|--|--|
| <p>A.</p> <p>Chemical, medical, surgical, bacteriological. Light furnace made—ungraduated.</p> <p>Basins.</p> <p>Beakers.</p> <p>Cones.</p> <p>Dishes, crystallising.</p> <p>Dishes, Petri.</p> <p>Flasks.</p> <p>Retorts.</p> <p>Heavy furnace made—ungraduated.</p> <p>Absorption towers.</p> <p>Air-pump receivers.</p> <p>Aspirators.</p> <p>Basins—heavy.</p> <p>Blocks, glass.</p> <p>Bottles, culture.</p> <p>Bottles, dropping.</p> <p>Bottles, gas exploding.</p> <p>Bottles, specimen.</p> <p>Bottles, Woulff.</p> <p>Boxes, glass.</p> <p>Cups, eye.</p> <p>Cups, feeding.</p> <p>Cylinders.</p> <p>Desiccators.</p> <p>Douche vessels.</p> <p>Filtering apparatus.</p> <p>Flasks, heavy (e.g., filter, Woodhead's).</p> <p>Funnels.</p> <p>Glasses, Nessler's.</p> <p>Glasses, sediment.</p> <p>Glasses, test.</p> <p>Jars, Bell.</p> <p>Jars for Bruhl's apparatus.</p> <p>Jars, dressing.</p> <p>Jars, gas.</p> <p>Jars, hydrometer.</p> <p>Jars, museum.</p> <p>Jars, specimen.</p> <p>Jars, surgical.</p> <p>Kipp's apparatus.</p> <p>Mercury reservoirs.</p> <p>Mortars and pestles.</p> <p>Percolators.</p> <p>Spirit lamps.</p> <p>Surgical trays.</p> <p>Troughs.</p> <p>Urinals.</p> <p>Furnace made and lamp-worked.</p> <p>Bottles, gas washing.</p> <p>Bulbs, nitrogen.</p> <p>Fat extraction apparatus.</p> <p>Flasks, various.</p> <p>Funnels, separating.</p> <p>Kjeldahl's apparatus.</p> <p>Tubes faucetted.</p> <p>Vacuum flasks (including vacuum food containers).</p> <p>Vacuum tubes.</p> <p>Vapour density apparatus.</p> <p>Lampblown (chemical and physical).—Ungraduated.</p> <p>Bulbs, absorption.</p> <p>Bulbs, gas absorption.</p> <p>Burettes.</p> | <p>B.</p> <p>Connectors.</p> <p>Distillation apparatus.</p> <p>Fat extraction apparatus.</p> <p>Filtering apparatus.</p> <p>Funnel, separating.</p> <p>Glasses, sand.</p> <p>Oscilloscopes.</p> <p>Pipettes.</p> <p>Pumps, air.</p> <p>Pumps, filter.</p> <p>Pyknometers.</p> <p>Regulators, gas.</p> <p>Stopcocks and taps.</p> <p>Tubes, various.</p> <p>Vials, serum.</p> <p>Lampblown (medical and bacteriological)—ungraduated.</p> <p>Ampoules.</p> <p>Applicators.</p> <p>Bottles, drop.</p> <p>Bottles, serum.</p> <p>Breast relievers.</p> <p>Bulbs, vaccine.</p> <p>Catheter moulds.</p> <p>Dilators.</p> <p>Ear pipes.</p> <p>Eye cups.</p> <p>Flasks, yeast.</p> <p>Inhalers.</p> <p>Nasal douches.</p> <p>Nozzles.</p> <p>Rectal pipes.</p> <p>Reels.</p> <p>Sprays.</p> <p>Tubes, various.</p> <p>Water-testing apparatus.</p> <p>Graduated scientific glassware.</p> <p>Aluminimeters.</p> <p>Alkalimeters.</p> <p>Burettes.</p> <p>Cylinders, measuring.</p> <p>Eudiometers.</p> <p>Flasks, measuring.</p> <p>Glasses, Nessler.</p> <p>Manometers.</p> <p>Measures, conical.</p> <p>Nitrometers.</p> <p>Photosynthometer.</p> <p>Pipettes.</p> <p>Potometer.</p> <p>Rain gauge measures.</p> <p>Respirometer.</p> <p>Specific gravity bottles.</p> <p>Test mixtures.</p> <p>Tubes, carbon.</p> <p>Tubes, gas measuring.</p> <p>Tumblers, medicine.</p> <p>Ureometers.</p> <p>Voltmeters.</p> <p>Weighing bottles.</p> | <p>C.</p> <p>Glass artificial eyes.</p> <p>1. Human.</p> <p>2. Other.</p> | <p>D.</p> <p>X-Ray tubes and valves.</p> <p>X-ray tubes, ordinary gas type.</p> | <p>E.</p> <p>X-ray valves, including high tension rectifiers.</p> <p>Hot cathode valves, including wireless telegraphy valves.</p> <p>Tubing and rod.</p> <p>Tubing, clinical thermometer.</p> <p>Combustion.</p> <p>Cylinder.</p> <p>Eggshell.</p> <p>Hydrometer.</p> <p>Hydrometer, flat.</p> <p>Neutral.</p> <p>Soft soda.</p> <p>Thermometer.</p> | <p>F.</p> <p>Glass syringes.</p> <p>1. Hypodermic.</p> <p>2. Other.</p> |
|---|--|--|--|--|--|

Hydrometers.

Thermometers, chemical.

Thermometers, clinical.

Thermometers, glass scale.

Thermometers, high range.

Thermometers, industrial.

Thermometers, metal scale.

Thermometers, special.

Thermometers, stem divided.

Thermometers, wooden scale.

X-ray valves, including high tension rectifiers.

Hot cathode valves, including wireless telegraphy valves.

E.

Tubing and rod.

Tubing, clinical thermometer.

Combustion.

Cylinder.

Eggshell.

Hydrometer.

Hydrometer, flat.

Neutral.

Soft soda.

Thermometer.

F.

Glass syringes.

1. Hypodermic.

2. Other.

The importation of the following articles is to be restricted as shown:

Photographic apparatus (except that mentioned above) is to be admitted at the rate of 33½ per cent. of 1913 importations in proportionate quarterly amounts.

A ration of 75 per cent. of 1913 importations of cut box boards is to be granted for the packing of edible goods in tins and bottles, and all other commodities in proportionate quarterly amounts.

Zinc oxide is to be admitted up to 50 per cent. of 1913 importations. This is an amendment of the decision already published.

Relaxation of Export Prohibitions.

The Board of Trade announce the following relaxation of the existing prohibitions of exports:—

Headings Transferred from One List to Another.

Henbane, from "B" to "C"; malt extract and preparations containing malt extract, from "A" to "C"; potassium permanganate, from "A" to "B."

Headings Altered.

Delete.

(A) Cocoa, raw, and manufactures thereof, except cocoa butter.

Substitute.

(A) Cocoa, raw, and manufactures thereof, except cocoa butter and cocoa powder.

(C) Cocoa powder.

Further Extension of the Free Export List.

The following additions have been made to the list published in the C. & D. (March 22, p. 53): Fancy goods of ebonite, vulcanite, and xylonite; toilet requisites (excluding soap); henbane (*folia hyoscyami*). The heading relating to patent and proprietary medicines may now be regarded as including malt extract and preparations containing malt extract. All the above articles may therefore now be exported without licence or guarantee to all destinations with which trading is permitted.

Extension of General Licences.

The Board of Trade announce that the following general import licences have been extended till September: Aërated mineral and table waters (unsweetened), almonds, cassia lignea, cocoa (raw), coffee, gum copal, gum kauri, ivory (vegetable), pimento, rum, sugar cane, and tobacco.

Trade with Occupied Territory.

The Board of Trade have extended their General Licence authorising, on certain conditions, the supply of goods to the territories on the left bank of the Rhine in the occupation of the armies of the Associated Governments, so as to cover, on the same conditions, the supply of goods to the occupied districts on the right bank. As regards both banks of the Rhine, applications should be made to the Export Licence Department, 4 Central Buildings, Westminster, S.W.1, in respect of goods remaining on Sections "A" or "B" of the Prohibited List, which it is desired to despatch to the occupied areas (including Luxembourg). Goods on Section "C" of the Prohibited List do not now require a licence for export to the above-mentioned territory, provided in the case of shipment via Holland they are first consigned to the Standard Bank of South Africa, Rotterdam. Goods on the "free" list may continue to be exported free of all restrictions.

POTASH COMPOUNDS.—The sale and delivery in Holland are prohibited of (a) carbonate of potash; (b) potash-lye; (c) soap stock; (d) fat acids; (e) waste fat from margarine-factories. This prohibition does not apply to stearine, oleine, and oleine products.



Ext. Ergotae Liq.

SIR,—I think in the interests of the public it should be known to manufacturers that if the British Pharmacopœia method of manufacture is strictly adhered to it is quite possible that a practically inert preparation may result. Such a preparation cannot contain ergotoxine, but active amino acids may be obtained if the cold-water extraction is modified or extended so that the point of putrefaction may be reached.

Yours faithfully,

F. F. SHELLEY.

The Purity of Aspirin.

SIR,—In reply to the letter of Mr. Baker in the *C. & D.* (May 10, p. 71) in which he criticises my statement that alcohol has a considerable effect on the iron coloration with free salicylic acid, a trial can easily be made. Using alcohol in a series of strengths from 0 to 70 per cent., and employing the same quantity of salicylic acid in each test—say half a milligram for 50 c.c.—colours from the usual pink, through pinkish-brown to a final brownish-yellow, with no suggestion of pink, are obtained. Further, if a solution of aspirin in methylated spirit be taken (about half a gram in 15 or 20 c.c.), together with several drops of the iron reagent, traces of salicylic acid may be added and increased up to several milligrams without material colour; in fact, so much may be added without betraying its presence that on dilution with water the mixture becomes an intense purple, and may require still further addition of iron beyond the prescribed quantity for the full development of the colour, which, I think, substantiates my contention. The question of dissociation and hydrolysis is not a simple one, and could absorb a whole paper for its discussion were it of sufficient merit, but the case hardly deserves it. Within certain limits I think the question of free salicylic acid relatively unimportant, but what is important is to be able to make a fairly accurate comparison with reference to a given standard, and I believe the method of using the test as I have suggested gives that opportunity. Free and combined acetic acid would certainly be an interesting subject, as well as quite a number of other problems that very readily occur to one in connection with aspirin.

Yours faithfully,

A. J. JONES.

The Cost of Dispensing.

SIR,—In Mr. C. T. Allen's paper on dispensing-prices (*C. & D.*, May 3, p. 53) I do not see that he advises a minimum charge, as otherwise, if you are presented with a prescription for

Liq. arsenicalis	...	...	...	mxxxvj.
Aq. ad.	...	...	...	3vj.

the cost of ingredients is almost nil. I have found it most satisfactory to charge a fixed minimum of 1s. 3d. for a 3vj. tablespoon mixture, and, in cases with more expensive ingredients, to add up the retail price for each one (minimum 1d.), add the price of container and 3d. dispensing-fee, the total giving a fair charge to the customer and a fair profit to the pharmacist.

Yours faithfully,

CHAS. HAMUS.

SIR,—There is an extraordinary conclusion to be drawn from Mr. Allen's paper on the cost of dispensing (*C. & D.*, May 3, p. 53), to which, perhaps, he and "Xrayser II." will give their attention. If they will take a price-list which all chemists on the panel have—viz., the Drug Tariff for April—and with the aid of the ready-reckoner work out the price of the example Mr. Allen gives, they will find that, as Hume used to say, "the sum total of the whole," drugs, container, establishment charge fee (which is the profit), comes to 11.16d. Deduct this from Mr. Allen's figures, 14.5d., and we reach the astonishing fact that, according to Mr. Allen, if this had been a panel script done by an assistant in his shop, his firm would have lost 3.34d. by the transaction, which, to say the least of it, is very remarkable. On top of this Mr. Allen says it may be more, as salaries have gone up. I have got into trouble at different times for the language I have used about the panel, but I have never said anything half as bad as this, and perhaps some explanation will be forthcoming.

Yours truly,

W. M. TINS.

SIR,—May I claim space in your columns for the following answer to "Xrayser II.'s" paragraph in reference to the suggested system of pricing which was published in the *C. & D.*, May 3, p. 53? Although I have the greatest respect for old institutions of every sort, I do not think that it is the general experience that systems of any kind in vogue fifty years ago are usually the most suitable to-day. The fear expressed by "Xrayser II." that the adoption of a method of ascertaining the out-of-pocket expenses in connection with dispensing would commercialise our system of charging does not appear to me to be reasonable. In these days there is no sharp division between a professional and a commercial man. In all probability the happenings of the last decade tend ultimately to wipe out class distinctions. In any case, the pharmacist is in a class by himself. He can justly claim to be a combination of the two. Very few people nowadays judge a man's work or worth by the method which he adopts of expressing his charge. Is it not usually imaginary superiority which prompts the use of the word "fee"? Even if it were presumed that the majority of pharmacists would prefer to express their incomes as derived from fees rather than profits, how is it possible to ensure an adequate charge unless the cost of each piece of work is at least approximately known? Guessing costs may have been easier fifty years ago than it is to-day. Overhead charges, of course, vary, but probably not to a very great extent in any particular area when worked down to an hourly rate. It was made clear when the paper was read that to work such a system as the one suggested the costing rate would have to be ascertained for each locality. With regard to the price of sodium salicylate and potassium citrate, I have not succeeded in finding a list in which the difference in price is anything like 2d. per lb. The example taken was used to demonstrate how the actual cost of an apparently inexpensive mixture is increased when overhead charges and dispenser's time are taken into consideration. Should it not be obvious to even a lay mind that the size of the bottle and the number of doses contained have nothing to do with the cost of dispensing medicines? I venture again to suggest that the fifty-years-old "system," which is no system at all, urgently requires alteration for the sake of all those (employers and employees) who desire to earn adequate incomes from the practice of pharmacy, and be in a position to deal easily with any altered conditions which may appear in the future.—Yours faithfully,

Kilburn, N.W.

C. T. ALLEN.

Derivation of "Chemist."

SIR,—In the making of dictionaries our philologists are of necessity compelled to draw much of their evidence as to derivation from expert opinion of those who have made a special study of various arts and sciences. Viewed in this light there can be little doubt that the statement that the derivation of the word "chemist" (sometimes erroneously written "chymist") from *χημεία* is a recognised false etymology is correct. As an example of such expert opinion I would quote from Ernst von Meyer (translated by McGowan), p. 2: "The art by which this (*i.e.*, the transmutation of metals) was to be achieved was termed 'chemia' (*χημεία*), a name dating, so far as actual proof goes, from the fourth century, but in reality probably from an earlier period." In a footnote to this statement he further remarks, "The word is of Egyptian origin, and is probably founded on the North Egyptian word 'Chémi,' the name for Egypt. It also means, however, 'black,' and hence there is still some doubt whether the word *χημεία* of that period denotes Egyptian art, or as Hoffmann, in the article 'Chémie' in the 'Dictionary of Chemistry,' published by H. Ladenburg endeavours to prove, the employment of a black coloured preparation, valuable for alchemical purposes. The mode of writing *χημεία*, and the derivation of this word from *χημός* may be regarded as incorrect."

Yours faithfully,

ERNEST J. PARRY.

Our correspondent "L." (150/50) writes: "Littré noted that *χημεία*, 'alchemy,' is sometimes in ancient manuscripts spelt *χημία* and *χημία*. Is it possible that Mahn mistook the last form for *χῦμα*, 'a pouring-out,' and built his castle in Spain upon that absurd blunder?"

Registering Apothecaries' Assistants.

SIR,—I think the new by-law relating to apothecaries' assistants is very unfair. A far better way would be to admit those who hold the assistant's qualification, and can, in addition, produce proper indentures showing that they had served at least three years' apprenticeship with a qualified pharmacist, also that they passed the apothecaries' examination previous to 1898, not 1908. Surely men who have had twenty years' experience in a chemist's shop and fulfil the foregoing conditions are more competent to keep

open shop than men who have simply had experience in an institution! Is it logical to say that the dispensing of stock mixtures in an institution requires greater skill than the dispensing of physicians' prescriptions in a chemist's shop? Men who served their apprenticeship twenty years ago or more were able to learn their business thoroughly, for then chemists made tinctures, pills, and almost everything. To-day instead they buy almost everything ready-made and in many cases ready packed from the wholesale drug-houses. It will, of course, be said that these men and women in institutions who pay the fourteen guineas will not open shop. Is it logical to suppose that a person will pay fourteen guineas for a loaded pistol and not exercise the privilege of pulling the trigger? If the Council think these people who have had experience in an institution are more qualified to open a chemist's shop than a man who has had twenty years' experience in the trade, I do not; and I feel sure that I am not alone in my opinion. If the Act admitted only those who passed previous to 1898, and who possess proper stamped indentures, it would admit men who now feel too old to study. But to admit men and women with only ten years' experience is, I think, grossly unfair. Each case could be taken on its merits, therefore the number admitted would be small.—Yours, etc.,

COMMONSENSE. (91/18.)

SIR,—“Agricola” in his letter (*C. & D.*, May 3, p. 71) proves that he possesses a greater fund of generosity than logic. If a recent by-law provides that Army dispensing shall be done by pharmacists (thereby recognising that the present system of Army compounders is inefficient), then “Agricola” desires to upset the aim of this by-law. You do not improve the pharmaceutical service of an Army or a hospital by merely permitting inefficiently trained dispensers to call themselves pharmacists. Why not leave well alone? Again, does “Agricola” imagine that these individuals, after being presented with a free qualification, will remain in their former narrow, ill-paid sphere? From a perusal of the various letters appearing on this subject, I had concluded that this was the very object they were aiming at—i.e., the right to keep open shop to sell poisons. Again, his gibe at dentist-pharmacists is quite illogical. If you forbid pharmacists to continue dental work you take away a certain portion of their income. They have vested interests. The position of the unqualified, on the other hand, is that “Agricola” is desirous of his being presented with something he never worked for and never possessed—probably something he had neither the brains nor the industry to reach out for himself. There are many pharmacists in hospitals to-day to whom, professionally, I take off my hat—men who have made a rather poorly paid office a place of honour. What say they to the proposed invasion? The Council may have reasons which the rank and file of pharmacists know nothing of. Members of the Council have never shown such conspicuous ability as to enable us to trust them blindly in their “secret diplomacy.” The Council is mainly composed of pharmacists imbued with the “high-class dispensing, pseudo-scientific” craze. Many are men of no outstanding ability, and the majority are rank duffers where business is concerned. If they cannot conduct their own businesses, they are not fit to conduct matters affecting our businesses. Their positions are in many cases hereditary. They have succeeded to the names and positions of able forefathers, or been pitchforked into a “high-class” business by some freak of fate, and, hey presto!—they are “high-class” pharmacists. This small clique run the Society on “high-class” lines to suit their own ends or views. They are in a minority of at least 1 to 10, and yet the other nine of us stand by and grouse, instead of putting them in the proper place for a minority. English, Scotch, and Welsh pharmacists have all the same complaint, and yet go on apathetically voting the same old Dillies and Dallies back to the Council. I do not know personally any of the three Progressives, but surely one of them could become leader of a strong opposition. Mr. Hines, what about that bomb you proposed for the Council Chamber? Why not take a referendum of all pharmacists on the Register *re* apothecaries' assistants? Why not also take a referendum as to whether the majority of pharmacists desire a different method of representation on the Council? The local secretaries could readily obtain the signature of every pharmacist in their districts. It would cost very little, and there are sufficient live business men in our ranks to see that the various secretaries do the work efficiently. I admit that my ideas on the “high-class” element in the Council and my opposition to such a democratic proposition as the free presentation of the Minor to the unqualified appear to be at variance. I have peeped behind the scenes, however, sufficiently to guess two sources from which arise the demand for cheaper labour. “High-class” pharmacists pay

such “high-class” salaries that they are hardly worth picking up at the end of the week. They therefore pay once a month! The hope that cheaper labour will be available is doomed to disappointment—our future assistants will be trade-unionists. Mr. Eacott, in his letter on the Council election, evidently does not appreciate the various stages to be passed by a candidate for the Council. The evolution is obviously impossible for rural pharmacists. The first stage is to develop a disinclination to attend to your own business and a desire to stick your nose into your neighbour's. Then you attend regularly all the meetings of your local city Association and criticise technical and scientific papers read by our foremost analytical pundits. You consistently vote in accordance with the views of the Council—as these views are as fixed and unalterable as the laws of the Medes and Persians you should have no difficulty here. If in doubt, ask the Chairman how he is going to vote. Local officials invariably follow the Council lead. If you have retained any memories of all or any of the subjects you “swotted” up for the Minor or Major, you brush up your knowledge, renew your acquaintance with the friend of your youth—*e.g.*, the Principal of your particular pharmacy school—and crib a few of his theories. Then you commence to work up a paper, say, on the mucilaginous properties of the Bloomsbury Square Bores. Prove to your own satisfaction that, once elected to the Council they are “stuck there for the duration,” and it would therefore be wicked to remove them. Having thus duly introduced yourself to the notice of the powers that be, you humbly request their aid to enable you to enter into that refuge of the incapable—the Council Chamber. Once there, the next step would be to read another paper at some conference as to the genuineness of a sample of glycyrrhizæ radix, in which there was a total absence of starch grains in the parenchymatous tissue of the bark (due, probably, to the errand-boy having a surreptitious suck at it), and which, when powdered, proved to contain oval and rounded starch grains 21 microns long. Next approach the President or Secretary and confide to him that, as your business had dwindled owing to lack of supervision, the examiner's emoluments would come in handy to pay your laundry bill. Then, in due course, you become one of the “great, great ones,” whom the unqualified dare not criticise, and whom the qualified damn—not with faint praise.

J. R. H. (150/38.)

Drug-trade Union.

SIR,—Having attended the assistants' meeting at Central Hall on May 7, and feeling that the suggestion to form ourselves into an organised body ought to be carried into effect, I shall be glad to meet any of my fellow-assistants with a view to arranging details, etc.—Faithfully yours,

C/o A. W. Hall, Pinner.

W. C. DAWSON.

SIR,—In the report of a meeting held at the Progressive Pharmacy Club, what seems to me to be an undue prominence is given to my remarks. I attended the meeting to hear, not to speak, and was quite taken by surprise when called upon to be the first speaker. In my remarks, as reported by you, you will find a direct contradiction to the principle enunciated in the only resolution, there set out, as having been put to the meeting. No specific direction to the Associations appeared to me to be contemplated, and I find that my recollection agrees with the copy of the resolution issued by the Secretary of the Club to the Secretaries of the Associations, viz., “That the Secretaries of the Local Pharmaceutical Associations in the Metropolitan area be requested to write to the Secretary of the London Pharmaceutical Association, asking him to summon a meeting of delegates from the respective Associations for the purpose of discovering what steps should be taken to arrange for the formation of a District Industrial Council”; which, I think you will agree, is a very different proposition from giving a specific direction to form an employers' union, and which occurs to me as being the only method of procedure such a meeting could adopt.

Yours sincerely,

ARTHUR H. JENKIN.

SIR,—In the circular-letter from the Pharmaceutical Society inviting assistants to the meeting at the Central Hall, Westminster, and in the report of Sir William Glynn Jones' speech (*C. & D.*, May 10, p. 50) at that meeting, the statement was made that chemists' assistants were classified by the Ministry of Labour with drapers, fishmongers, etc. But in the extract from the Ministry of Labour's own definition of distributive trades, printed in the *C. & D.*, May 3, p. 59, registered chemists and druggists are excluded. There are, of course, many assistants who, like myself, were unable to be present owing to the time of the meeting or to the distance from our locality,

and it is important to know if Sir William Glyn-Jones was asked to reconcile these two totally opposite statements. As the matter stands at present, it seems that we are to take up all the obligations of a trade-union member as regards subscriptions, levies, liability to strike, etc., and then, if the Ministry of Labour should make any favourable awards as to wages or hours, we are definitely excluded from participation on the ground that we are registered chemists and druggists. No wonder the audience required a lead!

Yours faithfully,

QUALIFIED SENIOR. (150/39.)

SIR,—Your correspondent "Manchester" (*C. & D.*, May 10, p. 70) asserts that the Manchester Chemists' Assistants' Association is under the ægis of the Employers' Association, and that two delegates report the proceedings. He must know how inaccurate this statement is. He claims to have been present at the mass meeting held in Manchester, yet at this meeting the Chairman, Mr. Livesey, completely refuted a similar accusation. Possibly "Manchester," in his "weariness," missed this refutation. As a member of the Committee of the M.C.A.A., I wish to state that there is no connection with the employers' or any other Association. With regard to the National Association of Assistants, it is felt that an Association of this kind will do more to promote the real interests of assistants than any union that has as its principal argument its alliance with stronger unions of another calling, rather than the justice of any claim they may make. Perhaps "Manchester," in making the statement that the M.C.A.A. only represents 5 per cent. of the assistants in Manchester, fails to appreciate that the Warehouse Workers' Union took advantage during the war of all the conditions prevailing to increase their strength, whilst the M.C.A.A. suspended their programme and organised a V.A.D. detachment, which put in over four years' service. As this is now completed, the M.C.A.A. are now resuming their programme, which includes the inauguration of the National Association.

Yours very truly,

27 Westbourn Grove, Harpurhey. PERCY CHADWICK.

SIR,—I am one of those who received a circular urging me to attend a meeting held under the auspices of the Pharmaceutical Society at the Central Hall, Westminster, on Wednesday, May 7. I went. When the meeting was over I felt like a man who has been invited to dine at the house of an opulent and well-placed friend. Feeling hungry, he goes, anticipating with keen delight the feast before him. He passes into the banqueting-hall, but, alas! to his dismay finds that the principal dish consists merely of the head and tail of a kipper, the succulent portions apparently being reserved for more favoured guests. Sir Wm. Glyn-Jones's speech could not be called a meal. There was little indeed that was nourishing. The major portion consisted of an exhortation to chemists' assistants to organise. Now, this is simply preaching to the converted. Does Sir William suppose that in that meeting there was a single person, lady or gentleman, who is not alive to the necessity of joining some organisation, not necessarily with the object of making war upon our employers, who are by no means our worst enemies, but because of the necessity imposed upon us by the Government of either forming a trade union of our own or of being swept up into a residual mixed union, which includes ice-cream vendors, hockey-pokey merchants, general stores, and so on? It is not, as Sir William Glyn-Jones suggested, that we despise these traders, but we feel that in association with them our special interests as chemists' assistants would not be understood, and would, therefore, fail to receive the sympathy and just treatment which we have a right to expect. Perhaps the most arresting portion of the address was the reference to a pledge given by him to some person or persons unknown, binding himself and apparently the whole meeting to silence on the matter which was in everyone's mind—viz., the discussion of ways and means in the practical realisation of our desires in the form of a satisfactory representative chemists' assistants' trade union. By what right did Sir William Glyn-Jones presume to muzzle the meeting in a matter which on his own showing is vital to its interests, and of the greatest urgency? Sir William Glyn-Jones, from his place in the sun, reproaches chemists' assistants with their unenviable position owing to lack of organisation. "Your own fault," he reiterates, forgetful of the fact that earlier he himself had pointed out the special difficulties in the way of organisation on the part of chemists' assistants in the past. I trust that after this experience of the ineptitude of the Pharmaceutical Society and its Secretary as regards the interests of chemists' assistants we shall insist in all future meetings upon the right of free discussion of everything that is relevant to the subject, and shall refuse to recognise either muzzle or pledge.

I am, Sir, yours faithfully,

RICHMOND. (152/43.)

SIR,—The remarks described by "Manchester" (*C. & D.*, May 10, p. 70) as a few truths cannot be allowed to pass unchallenged. The Manchester Chemists' Assistants' Association has a great deal to commend it. It was formed in 1912, and has consistently maintained its independence as an assistants' Association. Its present membership is over sixty. It has never had more than three honorary members, two of whom were associated with the writer and others at the formation of the Association, and have since become employers. The other is a well-known pharmacist whose advice and help in forming the Association, and on many later occasions, have been invaluable. Since its inception the Association has fulfilled its object in furthering the interests of its members by promoting social intercourse among assistants, by providing from time to time educational lectures by such authorities as Professor Greenish, Mr. Thoday, Mr. Cobbold, and others, by affording facilities for local assistants to discuss topics affecting their interests, such as the National Insurance Act, the Chemists' Friendly Society, etc., and by its annual prize competition for students. Perhaps, in the eyes of "Manchester," its contribution to the War Auxiliary Benevolent Fund, its contribution to the work of the B.R.C.S., and particularly its inception, equipment, and maintenance of the 49th East Lancs V.A.D., with its splendid record, may have nothing to commend it, but in all probability he will be alone. Few Associations have crowded so much activity into so short a time. Last, but not least, we think others, if not "Manchester," will commend its initiation of the National Association of Chemists' Assistants. The three members of its Sub-Committee are fully conversant with drug-trade conditions in Manchester, having had experience ranging from fifteen to twenty-five years each, a total of about sixty years' experience. Evidence is not wanting of "Manchester's" ignorance of the affairs of the city whose name he misappropriates by his reference to the Manchester Association of Chemist Employers, which does not exist. The nearest approach to it is the Manchester Pharmaceutical Association, which represents 90 per cent. of the employers in the district, but is not limited to employers, three of our Committee being members of it. The writer was a member of it before the formation of the Manchester C.A.A. It has never been part of the policy of our Association to be in any way connected with the Manchester Pharmaceutical Association or to adopt an attitude of hostility towards it. We have always endeavoured to maintain pleasant relationships, recognising that we have many common interests. A fact which has been repeated, "even to weariness," is that the N.A.C.A. can represent assistants on the Industrial Council, though it is not a trade union in the usual sense of that term, as it is not registered under the Trade Union Act, has no benefit scheme, and is affiliated with neither any other trade organisation nor any political party. We agree that a dissipation of energy is unwise, and therefore advocate the N.A.C.A., which, we feel confident, will receive the support of many who are unwilling to commit themselves to trade unions. This advocacy we shall continue, uninfluenced by fear or favour, because we are convinced that in so doing we are acting in the best interest of our craft.

Yours truly,

GEO. S. T. LIVESEY,
President of the Manchester District Chemists'
Assistants' Association.

Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

Poison-label Wanted.

LXXIV (152/22) writes: As it is now almost impossible to get poison bottles, I think there is a good opportunity for printers to issue a poison-label printed on either No. 3 sandpaper or fine hard corrugated paper, with the words "Poisonous; Not to be Taken," in red letters. The label would require to be well gummed on the back, and large enough to fill the back of a 3 or 4 ounce bottle, and so render the bottle easily distinguishable to the touch.

Doctors' Handwriting.

A Correspondent (108/9) calls our attention to a recent publication by the Civil Service Commission of samples of the handwriting of candidates in various Civil Service examinations. These consist of lithographed specimens of handwriting which are accepted as up to the standard by the Government Departments concerned. Our correspondent suggests that something of the sort ought to be insisted upon by the General Medical Council, as the average of the handwriting of panel doctors is the lowest in the world.

Legal Queries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on page 353.

A. W. C. (152/16).—The title "Anti-catarh Salts" renders the article to which it is applied liable to stamp-duty.

H. B. (15/4).—REGISTER OF LIMITED COMPANIES.—This is open to inspection at Somerset House, London, W.C., on payment of a fee.

G. E. G. (137/8).—The label for "Cherry Pine Balsam" does not render the preparation to which it is affixed liable to medicine-stamp duty.

E. H. H. (140/41).—The fact that you intend adding extra departments to your business makes it necessary for you to apply for a licence under the Defence of the Realm Act.

T. P. (120/28).—Persons earning not more than 160*l.* a year (or more in the case of those employed solely in manual labour) must be insured under the National Insurance Acts.

Crawshaw (116/36).—LIABILITY TO STAMP-DUTY.—The word "febrifuge" on the label involves liability to stamp-duty. "Febrifuge" means driving away a fever; in other words, a cure for fever.

K. P. H. G. (13/5).—BRONCHIAL MIXTURE.—The use of these words on a label does not render the preparation liable to medicine-stamp duty. There is nothing else on your label which involves liability.

J. L. P. (150/67).—COST OF REGISTERING A TRADE-MARK.—The application form "T.M. No. 2" costs 10*s.*, and if there is no opposition a registration fee of 20*s.* is payable. The details were last given in *The Chemist and Druggist Diary*, 1917, p. 220.

Regular (152/36).—HEADACHE-POWDER, consisting of a mixture of phenacetin and sodium bicarbonate, is liable to medicine-stamp duty unless it bears a reference to the formula in a recognised book of reference such as "Pharmaceutical Formulas."

S. T. (140/8).—USE OF RICE IN TOILET PREPARATIONS.—At the present moment the position under the Orders of the Ministry of Food is that rice-flour may not be employed in the manufacture of toilet articles, but rice-starch is now subject to no restrictions, and may be used for any purpose desired.

S. G. M. (119/60).—DISCLOSURE OF FORMULA ON LABEL.—The "peptonised elixir for indigestion," stated on the label to contain "bismuth, pepsine, etc.," does not in our opinion adequately disclose the composition when, as a matter of fact, the elixir also contains potassium bicarbonate, tincture of nuxvomica, and tincture of calumba.

H. C. (148/15).—TRADE-MARK REGISTRATION is effected at the Patent Office, 25 Southampton Buildings, London, W.C. The application for registration is made on form "T.M. No. 2," which costs 10*s.*, and can be obtained through any Money Order Office. A pamphlet describing the provisions of the Trade-marks Act can be obtained from the Registrar of Trade-marks. The method of obtaining registration was described fully in *The Chemist and Druggist Diary*, 1917, p. 220.

B. R. W. (150/16) wishes to know how he stands as regards excess profits duty where his profits have been for the year 1914, 404*l.*; for 1915, 351*l.*; for 1916, 550*l.*; for 1917, 459*l.*; and for 1918, 923*l.* He has a wife, with children above the allowance age, and he pays 116*l.* annually by way of premiums on insurance policies. [It is assumed that the pre-war standard is 404*l.*, but it has to be kept in mind that this standard must be the profits for the period which ended before August 4, 1914. On this assumption, and taking the figures for each year as net profits, no excess profits duty is chargeable for the year 1918. As regards insurance policies, the rule is that an annual premium paid by the taxpayer for an insurance on his own life or on that of his wife may be deducted from his profits in his account for income-tax, but this deduction must not exceed one-sixth of the whole income, and it must not be more than 7 per cent. of the capital amount for which he is insured. If a person insures for benefits other than a capital lump sum, the deductions made in respect of any annual premiums for this must not exceed 100*l.* in all.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

Scasider (107/65) writes: "In disposing of a very profitable and prosperous growing business, what is the proportion of goodwill usually paid? Is it three years' profits?" [Many years ago the profits were said to have been assessed on the basis of "three years' profits." Probably this was not "net profits" as we use the phrase to-day, but the amount which the proprietor actually saved or invested. To-day the amount obtained depends upon turnover, profit, position, and a willing purchaser with the necessary cash.]

Veterinary (116/6).—QUALIFYING AS A VETERINARY SURGEON.—We made inquiries recently as to whether special facilities are granted to pharmacists and ex-Service men desirous of qualifying as veterinary surgeons, and were informed by the Secretary of the Royal College of Veterinary Surgeons (10 Red Lion Square, London, W.C. 1) that the Council has taken power to itself by a revised by-law to grant exemptions from the ordinary regulations governing preliminary and professional examinations in the case of ex-Service officers and men. Applications for exemption from the preliminary educational examination must be made in the candidate's own handwriting, and must state the nature and length of his military service, and be accompanied by evidence of a good general education. In the case of applicants who can show that they have passed some recognised examination in chemistry and physics, botany and zoology, exemption may also be granted to ex-Service officers and men from part of the first professional examination. The regulations for the examinations can be obtained from the College on application.

W. J. W. (142/22).—BOOKS ON THE PRACTICE OF MEDICINE.—Whitla's "Practice and Theory of Medicine" (25*s.*, two vols.); Quain's "Dictionary of Medicine" (22*s.*, Longmans); "Practitioners' Guide" (6*s.* 6*d.*, Longmans).

X, Y, Z (136/40).—LABELLING TINS.—See *C. & D.*, April 2, 1917, p. 52.

Nixon (150/52).—The "mint" used in making the mint sauce which accompanies roast lamb is spearmint, *mentha viridis*.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," May 15, 1869.

Citrate of Magnesia.

The summer season has set in, as Sydney Smith once remarked, "with its usual severity," and, if weather prophets are to be relied on, the continued heat of 1869 is to rival even the tropical climate we enjoyed last season. Insects and their murderers have already opened the campaign, and the proclamation of Death to the Flies has in some parts been issued. A hundred ice-cream soda-water apparatus have been established in various parts of the metropolis, and both in London and the provinces we have been glad to notice that chemists have freely taken up with these beautiful machines. Our thoughts, however, at this moment, are fixed on citrate of magnesia. It is not so many years ago that the world was ignorant of this luxury; but what a gap its absence would make in our business now! Honour to whom honour is due, and we claim for Mr. Bishop, who first prepared and introduced citrate of magnesia, the credit of being a benefactor to this and all succeeding centuries; and when the Nemesis of a truer gratitude—if our old classical friend will be recognised in such an amiable aspect—shall have overtaken our present system of hero-worship, we shall look for a tall monument to Mr. Bishop, to commemorate his victory over one of the small but vexing troubles of life, namely, the necessity of taking nauseous medicines. . . . Originally, it actually contained a considerable quantity of neutral citrate of magnesia, but it was found that, without some modifications, this preparation could not be kept of good colour, and now, although the name may not be chemically accurate, the real article certainly contains citric acid and magnesia, and, unquestionably, when a customer asks for citrate of magnesia, he is supplied with exactly that preparation which he requires. A few days ago, Mr. Bishop showed us the first entry in his or any other books of citrate of magnesia. Messrs. Curling & Co., of Cullum Street (now of St. Mary Axe), export druggists, were the purchasers, and the date of this entry was some time in 1857.

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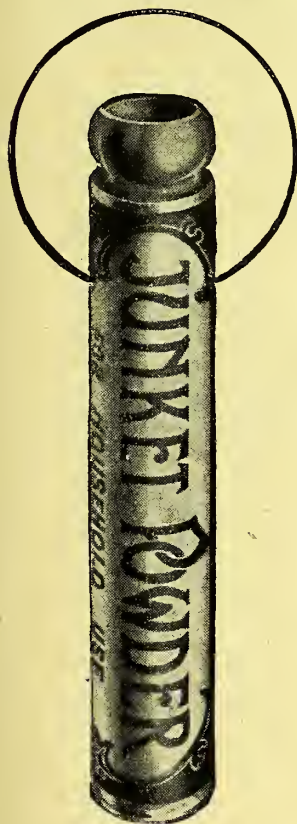
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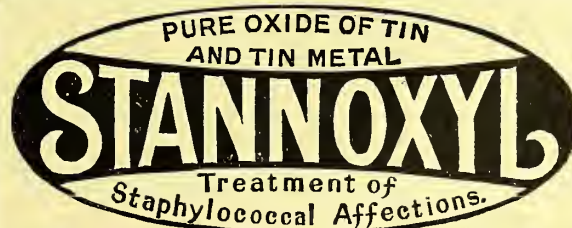
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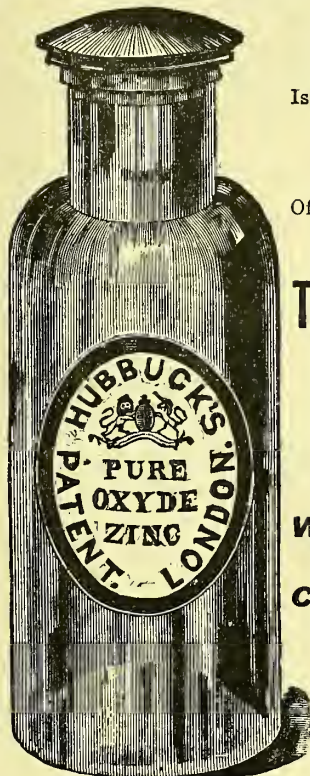
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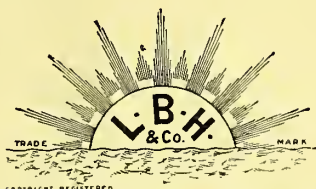


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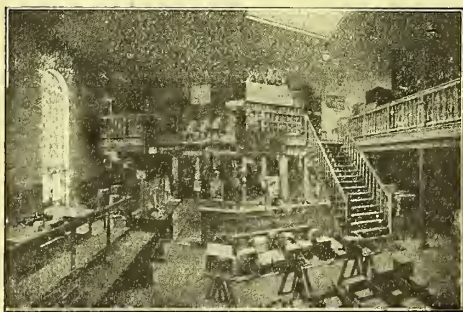
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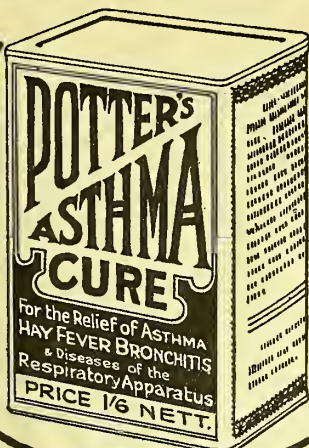
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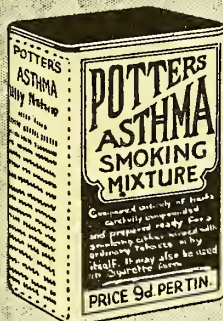
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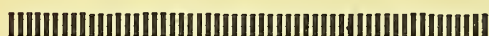
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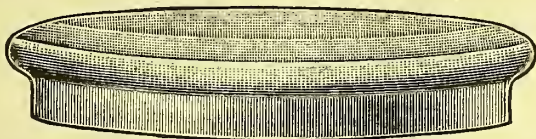
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"BELUMNITE" is an insecticidal powder, deadly in its effect against all forms of blight. Our system of dry-spraying is in practice a form of local fumigation, and is replacing many forms of wet-spraying. It reduces the labour bill, and obviates all the work entailed in carting water and mixing washes.

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1 lb. size (No. 9) 12/6 each.
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With metal extension 3/-
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AN ALL-THE-YEAR SELLER. KEEPS IN ALL CLIMATES.

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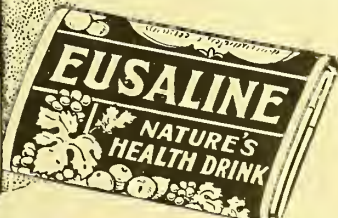
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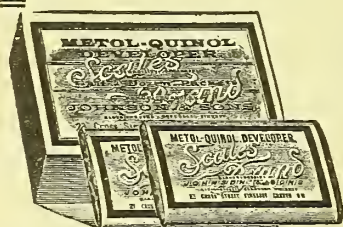
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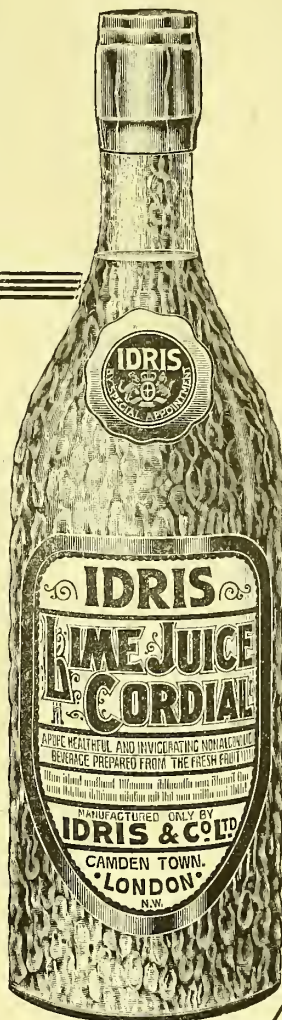
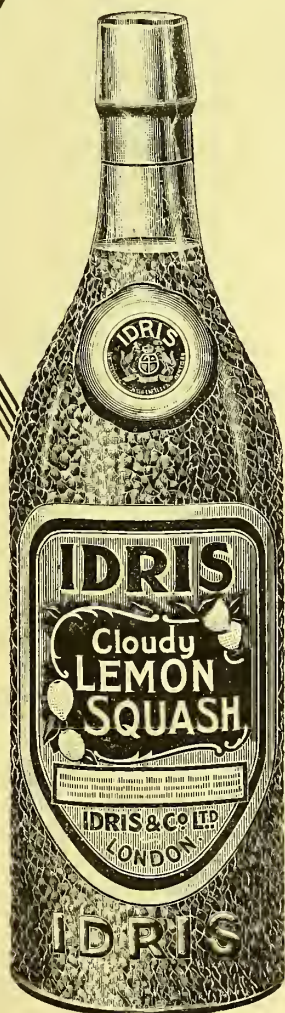
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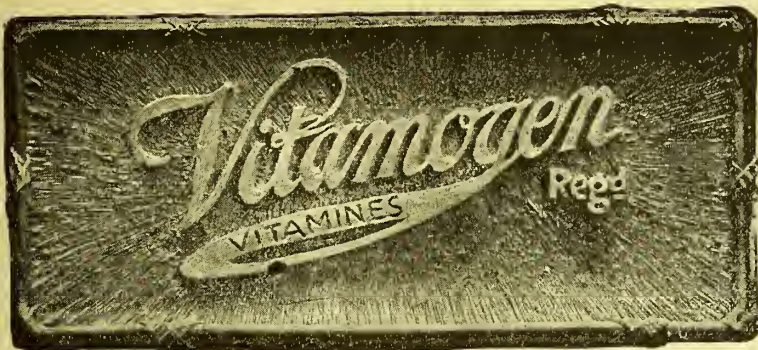
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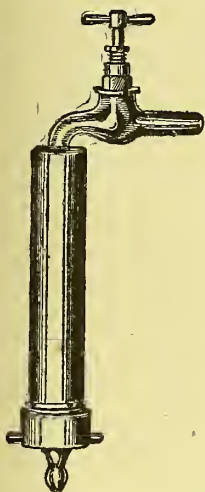
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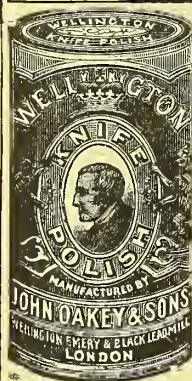
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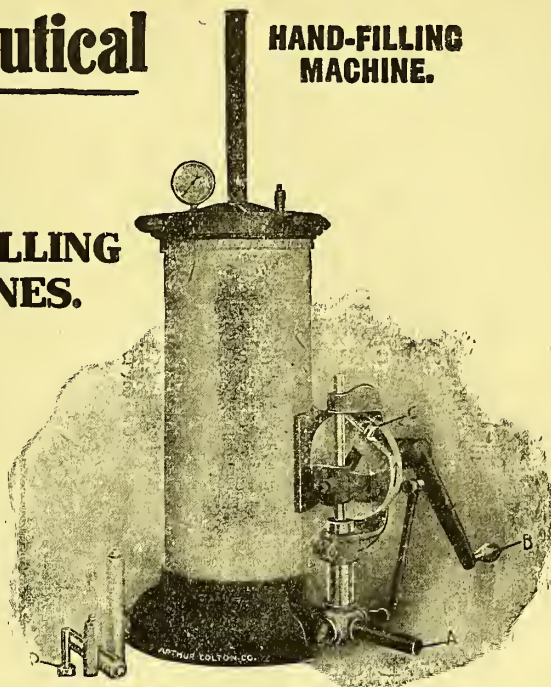
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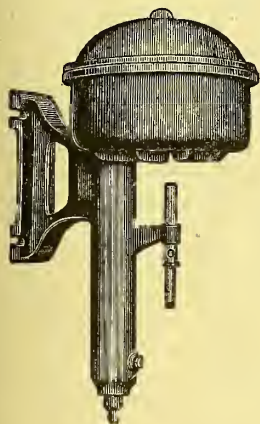


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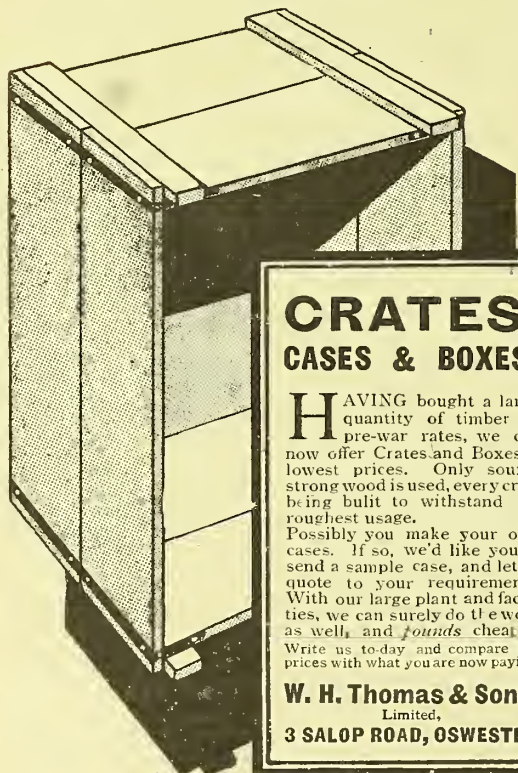


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CREPE
NAME

**GIMBER'S EXCELSIOR
CREPE BANDAGE**

An Elastic Bandage. Containing no India-rubber. Superseding Elastic Stockings, Webs, Bandages, and at half the cost. Three sizes, about 2, 2½, and 3½ inches wide. Excelsior Crepe Abdominal Binders.—Useful after many Abdominal Operations, and for ladies after confinements. Two sizes: 8 & 11 in. wide.

CAUTION.—Beware of fraudulent and needless imitations, and reject all Bandages not bearing the above Trade Mark on the Wrappers.

W. GIMBER & SON Surgical Bandage and Instrument Makers,
44 Queen's Rd., PECKHAM, LONDON, S.E.
And of all Wholesale Druggists, Chemists, Surgical Instrument Makers, &c.
Telephone: New Cross 1601. Descriptive Circular & Price List on application.

**ARRIVAL OF LIMITED
STOCK OF**

After being for long practically without stocks, we have now just received a limited re-starting lot, which will be equitably and proportionately distributed.

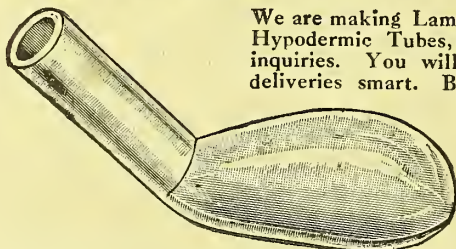
PRICES.

Retail.				Trade.
9d.	...	...	...	7/7 per doz.
1/3	...	...	...	12/8 " "
2/6	...	...	...	25/3 " "

Less 5% for payment at 1 month.
£3 and up. carr. paid.

The Trade may therefore now order, through their Wholesalers or direct from

**J. E. GARRATT, 96 Southwark Street,
LONDON, S.E. 1**

JULES LANG & SONSole Proprietor:
FERNAND RENE LANG

We are making Lamp-blown Glassware, such as Ampoules, Hypodermic Tubes, &c., in England. Let us have your inquiries. You will find our prices competitive and our deliveries smart. Besides, we also have varied stocks of Glass Bottles.

Send us your inquiries and ask for our Stock List.

Telegs.: "Assorted, Phone, London."
Telep.: North 2770 (3 lines).



Dropping Bottle.

Chareton Works, Charlton Place, ISLINGTON, LONDON, N.1.

"Lanzone" Lanolin

The Odourless Adeps Lanæ, B.P. Manufactured by
THE LONDON PHARMACEUTICAL REFINERS, LIMITED,
Martin's Yard, Endwell Road - LONDON, S.E. 4.

In a leading article in the "Medical Press" of June 26, 1918, occurs the following:—

"I hope that the same effort will be made to abolish Hun drugs as to get rid of Hun dyes. In one direction I am glad to find that this is being seriously attempted. One of the most important bases for ointments is lanoline. Now the English lanoline which is made by the London Pharmaceutical Refiners, Limited, of Brockley, has the merit of being superior to the old German lanoline. The B.P. allowance of fatty acids is '7, whereas this new English lanoline shows only '27. The new preparation is quite odourless, and acid fats do not develop in it by keeping. These are great merits, and show the extreme care with which the refining process has been carried out by the British refiners."

Samples and Quotations from the Selling Agents:

THE PRODUCE BROKERS' COMPANY, LIMITED, 24 St. Mary Axe, LONDON, E.C. 3.

The Fuji Brush Company

We are grateful for the widespread and numerous responses to our first advertisements in England. Connections have been made that will be permanent and mutually profitable. As our goods have heretofore gone to England, but through commission houses rather than direct from us, we know what the market demands. In order to serve most economically and promptly, we have reorganised our firm. From April 1 we will continue our business under the names of:

The MUTUAL BRUSH COMPANY

Manufacturers and Exporters of ALL KINDS of BRUSHES, and

THE MUTUAL TRADERS

EXPORTERS OF

GALL NUTS PYRETHRUM FLOWERS PEPPERMINT OIL
LOOFAHS and other DANDELION ROOT
MENTHOL NATURAL PRODUCTS PEANUTS, CHILLIES

the ownership continuing as formerly. The Mutual Traders are SOLE EXPORT AGENTS of the Japan Insect Flowers and Powder Producing and Manufacturing Co. (now reorganising as the Nippon Jochukiku Kaisha), large Flower Producers and Manufacturers of Incense and Insecticides.

The MUTUAL BRUSH CO. The MUTUAL TRADERS

24 Nakayamate Dori, 2 Chome, KOBE, JAPAN.

WHOLLY BRITISH AND AMERICAN.

Codes: ABC; Bentley's; Western Union. Cable Address: "Simsland."

WHOLESALE.

**CONTRACTOR TO
THE WAR OFFICE.**

EXPORT.



ACTUAL MANUFACTURER OF

CAMEL HAIR BRUSHES

FOR ALL ART AND MEDICAL PURPOSES.

Throat, Nose and Ear Brushes a Speciality.

PERCY P. BAKER, 16 CARTHUSIAN STREET,
ALDERSGATE, LONDON, E.C.

Works: WALTHAMSTOW, ESSEX; and at ISLINGTON, N.

TELEPHONE: CITY 362.

BEST ENGLISH MAKE

SEA-TANGLE TENTS

(LAMINARIA DIGITATA)

For dilating the OS and CERVIX UTERI.

Introduced by SIR JAMES SIMPSON, M.D.

SPECIAL ADVANTAGES.

Firstly—They are cheaper in price than Sponge Tents.

Secondly—More easy of introduction.

Thirdly—More potent than dilators.

Fourthly—Cleaner in their use.

Lecture by PROF. SIMPSON, "Tangle Tents," at the Obstetrical Society of Edinburgh. See Edinburgh Medical Journal for July 1864.

Manufacturer **E. BRASSE** (late R. Manson)
Culvert Works, Culvert Road, South Tottenham, London, N. 15

"Strodonia" VANISHING CREAM

For displaying a small showcard, we make the following offer on INITIAL DIRECT ORDERS (One parcel only):—

1½ dozen 7½d. selling for 11 3
" 1/- " " 9 0

For 10/- cash with order, carriage paid. 20 3

7½d. and 1/- - - - 5/6 and 9/- per dozen.

From London Wholesalers.

Direct Orders value £5 subject to 10% discount and 1 doz. 1/- size bonus for window display, showing 38% on Turnover.

STRODE COSH & PENFOLD, Manufacturing Chemists,
LOWER UNION ST., BRISTOL.

The SPECIALIST in—

Tooth Powders, Yena Powders, Chemical Foods,
Toilet Powders, Emulsions, Malt Extract,
OINTMENTS Etc. Etc.

ROBERT BLACKIE

*Wholesale & Export Druggist,
Manufacturing Chemist,*

Telephone :
Hop 2415.

Telegraphic Address :
Ushenspuna London."

SHEN WORKS,
Tower Bridge Road,
LONDON, S.E. 1.

A. DE ST. DALMAS & CO.

Contractors to
His Majesty's Government.

LEICESTER.

(Established 1828.)

—MANUFACTURERS OF—

MEDICAL PLASTERS

Spread Plasters. Adhesive, Belladonna, Soap Cerate, Roborans, Flesh colour Adhesive, &c.

Hospital Strapping. On Holland Pure Stout Calico, &c.

Porous Plasters. All kinds. On Cotton Cloth Red Felt, White Kid, &c

Rubber Adhesive Plaster. On Cotton Cloth or Holland—In Tins or on Spools.

Court Plasters, Toothache Plasters, Corn and Bunion Plasters, Mustard Leaves, &c.

SURGICAL BANDAGES

Waterdressing, Fastedge, Calico, and Flannel Bandages, Elastic Web,
Crepe Velpeau, and Plaster of Paris Bandages.

THE LEICESTER "VARICO" LEG BANDAGE.

TRADE MARK.

MEAD'S RUBBER ADHESIVE PLASTER.

MEAD'S PLASTER, the original rubber adhesive plaster, is made at the SEABURY PHARMACAL LABORATORIES. Throughout the world it is preferred by Surgeons, Hospitals and Governments.

Under all climatic conditions it retains its remarkable adhesive qualities longer than other plasters. The adhesive is non-irritating. The material on which the plaster is spread is more pliable, and stronger, than in other plasters, the pliability enabling it to conform more perfectly to the surface to which it is applied, and the

strength of the material enabling it to withstand, without stretching, the strain of dressing fractures, &c.

Mead's Plaster is issued by the Seabury Pharmacal Laboratories in various widths, from $\frac{1}{4}$ in. to 4 ins., on spools of 10 yards or 5 yards, a portable and convenient form for surgeons, or for first aid cases; and in rolls for hospital and surgery use.

MEAD'S PLASTER requires neither heat nor moisture, the ordinary temperature of the body ensuring firm adhesion.



SEABURY & JOHNSON

Great Britain & Colonies : FASSETT & JOHNSON, Ltd.,
86, Clerkenwell Road, LONDON, E.C.

Telephone : HOLBORN 6383 (3 lines). Telegrams : "PLASTERS, SMITH, LONDON."

DON'T
merely meditate upon its many merits
STOCK IT!

Dr. Mend-a-Tear is getting many more friends among the public every day. His quaint little figure's "catching on," but not more so than

Mend-a-Tear
PATENT

itself. Everyone who tries it says it's "great." It mends a tear without a stitch, and mends it satisfactorily. Why not get in touch with us? We'll send you samples so that you can prove that what we claim for it is right. The profit's good, and sales are on the increase.

LEICESTER RUBBER CO., LIMITED,
18 Granby Mills, Leicester.
Also makers of the John Bull Cycle
and Motor Cycle Tyres.



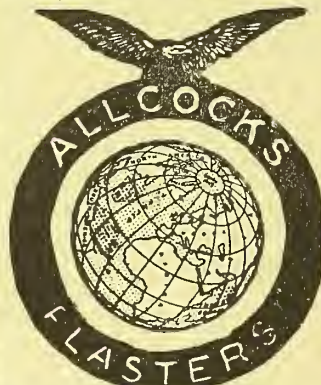
ESTABLISHED 1847.

Allcock's PLASTERS

A REMEDY OF 70 YEARS' STANDING.

Allcock's Plasters
Allcock's Corn and
Bunion Plasters
Brandreth's Pills

*The
Three
Reliables.*



Prices and Terms
on
application to

ALLCOCK - -
MANUFACTURING
COMPANY - -

22, Hamilton Sq.,
Birkenhead,
England.

"Sold all round the World."

SIXTY PER CENT. OF YOUR CUSTOMERS

have Foot Trouble. The chemist is asked to help—relieve. An opportunity for greater service—larger business.

Are you adequately equipped to cope with this demand?

D'Scholl's
Foot Comforts

are a permanent correction. Scholl Appliances solve all Foot Problems.

Customers have built our sales. They advertise us. They will YOU. There is also our National Advertising Campaign.

We can offer a splendid proposition! Will you write for it?

THE SCHOLL MFG. CO., LTD.
1-4 GILTSPUR STREET, LONDON, E.C. 1

GLASS FLAT-BOTTOM TUBES

Write for quotations for flat and
round bottom tubes, all sizes.
Orders executed promptly.

JOHN TYE & SON, Manufacturing Chemists,
Glass Blowers.
457 CALEDONIAN ROAD, LONDON, N. 7.

AIR CUSHIONS.

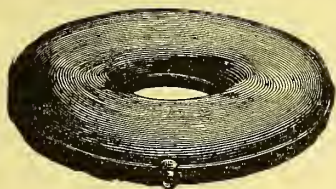


Fig. 1194.

Fig. 1194.—The "EMPIRE," red India-rubber Air Cushion—

Diameter	14	15	16	17	18	19	20 in.
Each ...	7 0	8 0	9 0	10 0	11 0	12 5	14 0

Fig. 1354.—Air Cushion, sateen covered, reeded ...

Sizes	14×10	15×12	18×14 in.
Each	4 6	5 0	6 6

Special Line.—Khaki-covered Pillow, 17×12 in., in khaki case, with clasp ... super quality ... each 5 0

" 5% discount allowed for prompt cash off above prices.

We are the right House for **BRITISH-MADE GOODS**—Anti-Rheumatic Rings, Bandages, Belts, Catheters, Clinical Thermometers, Combs, Enemas, Elastic Hosiery, Hot Water Bottles, Pessaries (Quinine), Splints, Tooth Brushes, Trusses, Water and Air Beds, Water and Air Cushions, Waterproof Sheeting, and every description of Rubber and Vulcanite Goods.

ILLUSTRATED PRICE LIST POST FREE.

OUR GOODS ARE RIGHT.

MONEY BACK IF NOT SATISFIED.

BURGE, WARREN & RIDGLEY, LTD.,
91 & 92 GREAT SAFFRON HILL, LONDON, E.C.1.

MONSANTO

CHEMICAL WORKS,
ST. LOUIS, MO.,
U. S. A.

Salol

Aspirin

Phenolphthalein

Salicylic Acid

Chloral Hydrate

Salicylate of Soda

SACCHARIN

Vanillin

Acetanilid

Phenacetin

Coumarin

Glycerophosphates of

{ Calcium (pure),
Sodium (pure crystals and powdered),
Sodium (Solution 75 %), Iron,
Potassium 75 %,
Manganese, Magnesium, &c.

Chloramine T

Dichloramine T

Chlorococane

Sole Joint Agents

MONSANTO

British Empire and Europe

GILL & DUFFUS, and
40 Eastcheap, E.C.3

F.W.BERK & CO., Ltd.
1 Fenchurch Avenue, E.C.3



THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C.

SATURDAY, MAY 17, 1919.

TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disposal and Wanted, Situations Open and Wanted, Exchange Columns, &c., **MUST BE PREPAID** (except in the case of serial advertisers), and to ensure prompt insertion **REMITTANCES MUST ACCOMPANY INSTRUCTIONS.**

Advertisements for the current issue cannot be received after first post on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement this may be done.

PROVIDED THE MONEY IS TELEGRAPHED

at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C.4. Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful note of these rules. Telephone: No. 3617 Central (3 lines). Telegraphic Address: "Chemists, Cannon, London." (Three words counted as two.)

EARLIER CLOSING FOR PRESS.

WILL intending Advertisers please note that until further notice all Advertisements for THE CHEMIST AND DRUGGIST SUPPLEMENT must be in the Publisher's hands not later than

FIRST POST THURSDAY MORNING,

to be available for the issue published in that particular week. Owing to restricted postal deliveries it is advisable to *post* all communications on the Tuesday preceding the date of issue. Advertisements received after the time indicated will be inserted in the following week's issue.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283

May be consulted at their Offices on matters of **SALE, PURCHASE, and VALUATION.**

1.—LONDON, N.W.—Dispensing and Retail Business; vendor retiring; returns between £2,000 and £3,000; *net profit over* £700; well-appointed shop and large residence; new lease; price £1,500, or valuation terms.

2.—FINSBURY PARK (Near).—Brisk Retail Business; returns, present rate, over £2,000 at good prices; well-appointed shop and comfortable residence; vendor's own property; price £1,400.

3.—LONDON (Northern Suburb).—Good middle-class Business, chiefly ready money; returns upwards of £2,000; attractive well-fitted shop; capital residence; vendor's own property; price about £1,000.

4.—WEST END.—Old-established Business; Dispensing and Retail; unique position; returns upwards of £2,500; profits good; large residence with private entrance; price about £1,000.

5.—HIGHBURY (Near).—Ready-money Business; returns, present rate, £2,000; *net profit 25 per cent.*; rent £60; new lease; price £850.

6.—SOUTH KENSINGTON.—Very old-established Business; present hands 50 years, now retiring; returns £1,500, present rate; scope for development under energetic management; price £600.

7.—LONDON, W.—Old-established Business; Retail and Dispensing; returns £1,500 at good prices; roomy shop with residence; held on lease; price £850.

8.—CHELTENHAM.—Good-class Business for disposal through death; returns between £1,200 and £1,300, with scope for extension; well-fitted shop and large residence; rent £55; for an immediate sale less than the value of stock and fixtures will be accepted.

9.—LINGS (Busy Market Town).—Mixed Business, with good Optical connection; returns last year £8,400; *average net profit for three years, £1,147 yearly*; commodious premises; vendor's own property; terms, valuation of stock and fixtures, plus premium for goodwill.

10.—HOME COUNTY.—Dispensing and Retail Business; corner position in main thoroughfare; returns exceed £3,000; *net profit between* £850 and £900; large shop and comfortable residence; price about £1,900.

11.—SEAPORT TOWN.—Wholesale Business, comprising Surgical Instruments and Druggists' Sundries; gross receipts last year exceeded £11,000, and the *average net profit* for the past three years, after allowing for depreciation and bad debts, £1,042; further particulars will be furnished on receipt of a banker's reference.

12.—MIDLANDS (Large Manufacturing Town).—Old-established Business; Retail and Wholesale in pecked goods; gross receipts exceeded £8,000, and during the past three years the *average gross profit* amounted to £2,031; the premises are held on long lease at a rental of £60; price about £3,000; a banker's reference will facilitate business.

13.—LANCASHIRE (Popular Health Resort).—Cash Retail Business; good position; returns £3,500; *net profit* £900; the turnover might be materially increased under qualified management; further details on application.

14.—HOME COUNTY.—Unopposed Business, comprising good-class Family trade, with general country Retail; returns *average* £1,200 per annum; *net profit approximately* £300; comfortable residence; rent £40; held on lease; price £600.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Accounts, by which means alone Profit, the value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of confusion and loss. *Accountants by these essential duties and will make Special Terms for such services.*

BERDOE & FISH

VALUERS & TRANSFER AGENTS

35 Jewry Street, Fenchurch Street, E.C.3.

Telephone: 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.—EAST COAST.—Good-class Retail, Dispensing and Photographic, in select seaside resort; returns nearly £1,400; increasing net profit £422; pre-war returns £1,800; good house and Pharmacy; price £100 and valuation; in all about £850; personally recommended.

2.—BIRMINGHAM.—Working-class Cash Retail; returns average £40 weekly; good profits; plenty of scope; low rent; price for quick sale only £500 cash.

3.—WESTERN COUNTY (Inland Health Resort).—First-class Dispensing and Light Retail for Sale through death; returns about £1,250; has done much more and can again; good residence; low rent; handsome Pharmacy, heavily stocked; price £950.

4.—SOUTH MIDLANDS.—Unopposed village Business; returns £800; net profit about £250; comfortable house; low rent; well stocked; splendid chance for smart man; price only £250.

5.—LONDON, S.E.—Sound Cash Retail and Prescribing, with N.H.I., in working-class district; returns under Manager £2,000; net profit £600; eight-roomed house; low rent; well stocked; price for quick sale £600 cash.

6.—SOUTH LONDON (Close to City).—Brisk Cash Business for Dispensing; returns nearly £40 a week; good profits; splendid corner position in busy main road; fully stocked; good modern premises; price £500, and stock at valuation.

7.—LONDON (Western Suburb).—Light Retail Dispensing and Photographic Business; returns over £1,350; net profit, about £500; large handomely fitted shop, fully stocked; price £800, or £100 and valuation; trial can be had.

8.—LONDON, N.—Light Family Retail and Dispensing, with good Optical connection; returns £1,400, increasing; net profit about £400; well fitted and stocked; small house; price £750, or near offer; recommended.

9.—LONDON, E.—Old-established Light Retail, with little Dentistry; same hands many years; retiring; returns £1,050; full prices; net profit £500; low rent; no immediate opposition; price £700 or offer.

BUSINESSES WANTED.

We are in immediate want of sound concerns, returning up to £3,000, in town or country, especially South Coast, Midlands, and North; cash buyers waiting. Intending vendors are cordially invited to correspond. Terms sent on application. Established 1870.

LEGAL.

RE JOSEPH BREWSTER PATER DECEASED.

PURSUANT to the Statute 22nd and 23rd Vic. cap. 35.—Notice is hereby given that all Creditors and other persons having any claims against the Estate of Joseph Brewster Pater late of 265 Fulwood Road Sheffield in the County of York Pharmacist deceased (who died on the 8th day of March 1919, and whose Will was proved in the Principal Probate Registry on the 8th day of May 1919 by Edward Rhodes Pater and Herbert Hargreaves the Executors therein named) are required to send in particulars of their claims to me the undersigned Solicitor for the said Executors, on or before the 14th day of July 1919, after which date the said Executors will distribute the assets of the said deceased amongst the persons entitled thereto, having regard only to the claims of which they shall then have had notice; and they will not be liable for the assets of the said deceased, or any part thereof, so distributed to any person or persons of whose claims they shall not then have had notice.

Dated this 12th day of May, 1919.

CHARLES PADLEY,
Church Street Chambers, Sheffield,
Solicitor for the said Executors.

TO LET.

ELIGIBLE Premises to Let, suitable for Chemist, in district with no opposition near; main street; health resort; good opportunity for energetic man. Apply "Grenade," Claremont Road, Deal.

TO Let, Business Premises with house; London Road, St. Leonards-on-Sea; excellent position in main thoroughfare. For particulars apply Mrs. Angliss, 115 High Street, Rochester.

SMALL Warehouse (Crane) and Offices to Let in the shipping quarter of London; £208. Write Box "K. W.," 618, c/o Jackson's, 19 Cullum Street, E.C. 3.

THOS. TOMLINSON & SON

CHEMISTS VALUERS TRANSFER AGENTS,
AND EXPERT STOCKTAKERS,

45a MARKET STREET, MANCHESTER.

ESTABLISHED OVER HALF A CENTURY.

Telegraphic Address: "Tomtom."

TENDERS.

GUY'S HOSPITAL, S.E. 1.

The House Committee invite Tenders for three months' supply of Surgical and Antiseptic Dressings. A list of these with further particulars, and form of Tender may be obtained at the Superintendent's Office.

Tenders duly sealed are to be sent to the Superintendent's Office not later than 12 noon on Saturday, May 24th.

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 8d. for every 10 words or less beyond prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

BIRMINGHAM.—Genuine Cash Retail, in industrial part of town; returns last year £2,800; average for last three years £1,890; low rent; good scope for increase; price £500 for quick sale. Apply "Bona-fide" (158/22), Office of this Paper.

BRIGHTON.—Old-established Business (50 years); convenient shop; large, two-roomed basement; recently renovated and decorated at cost of £200; electric light throughout; long lease; upper part let at more than total rent; returns last year £1,800 at full prices under management; great scope for increase under personal supervision, also for Dentistry and Optic; no opposition in neighbourhood; midway between station and sea, on main tram route; price £1,500 all at. F. W., 100 Ditchling Rise, Brighton.

KENT.—For immediate disposal, very old-established sound country Business; healthy situation; vendor leaving trade; every investigation invited. Full particulars from "L." (137/31), Office of this Paper.

LONDON.—Good brisk Cash Business for disposal in working-class district; N.H.I. Dispensing and plenty Prescribing; well-fitted and fully-stocked shop, with house; owner retiring through old age. For full particulars apply "G. M." (159/140), Office of this Paper.

LONDON, E.—Genuine Retail, with small Dental connection; in same hands 42 years; quite unopposed; corner shop; near railway station; owner retiring; low rent; every investigation courted; price £800, or offer. Apply Dens, 586 Old Ford Road, Bow, E.

LONDON, W. 8.—For immediate disposal, owing to ill-health of proprietor, Family and Retail Dispensing Business; returns £1,500, increasing; 2,000 new prescriptions last year (not N.H.I.); well fitted and stocked; one lady Assistant kept; lease; nice house attached; price about £950; part could remain; every investigation allowed. "Sodii" (153/30) Office of this Paper.

MIDLANDS.—A sound established Business for Sale, showing large profits, and open to further increase by side lines; owner retiring from Retail; price £400. For further particulars apply, in first instance, to "H.," c/o Bayley, 87 Horseley Heath, Tipton, Staffs.

MIDLANDS (30 Miles from Birmingham).—Old-established, good-class Mixed Retail and Dispensing Business for Sale; turnover £2,000; net profit £500, improving. "C. I. B." (159/10), Office of this Paper.

NORTHERN COUNTY.—For disposal, a good class Retail and Dispensing Business in good locality; convenient house with side entrance attached; electric light throughout; very little N.H.I.; profitable proprietaries; plenty of scope for Photography; main road; well fitted and stocked; returns £1,700; net profit £475; price £960. Apply "Mem." (144/36), Office of this Paper.

SOUTH MIDLAND (London Main Line).—Well-established Herbalist-Business, with large Chiropody clientele combined; splendid counter trade in Chemists' Sundries; rapidly increasing; net profit £300; low rental; small house; premises may be leased or bought; excellent opportunity for energetic Herbalist or Chemist with an interest in Herbalism; fine opening for one with knowledge of Cattle Medicines; £350 (or near). Address "Bogbean" 149/15, Office of this Paper.

CHEMIST'S and Stationer's Business for immediate disposal owing to death of proprietor; established 1834; please send stamp for particulars; inspection invited. Mrs. Treweeks, Pen-y-roke, Wales.

GOING Concern; West London; splendid shopping district; Pharmacy, Optical, and Dental Surgery; self-contained (no house); low expenses; long lease; all at price of Fittings, £225. I will sell Fittings for removal; £100 new stock; should produce a return of £30 weekly; or would take partner. Apply 57/13, Office of this Paper.

N the charming village of Boughton, right in the heart of the fruit-growing district of Kent, three miles from Faversham, small, old-established, entirely unopposed Business; comfortable living for elderly gentleman seeking rest without idleness, or an excellent beginning for young man with small capital; price £100 cash, or £60 cash and £1 weekly for one year; price is solely value of stock and fixtures; do not wait for particulars, but come and purchase; owing to illness, business has been much neglected, and is capable of much improvement. Huband, Boughton Pharmacy, Boughton, Faversham.

OLD-ESTABLISHED Family Retail and Prescribing Business for Disposal; splendid Photo trade can be done; N.H.I.; same hands over 50 years; death cause of sale; returns average past three years £1,190; leasehold premises; very profitable and easily worked business; seaport town, South Hants. Apply 158/14, Office of this Paper.

BUSINESSES WANTED.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

ONDON or Suburbs or South-East Coast.—A sound Business, with opening for Optics; good house accommodation if possible; net profit £450-£500; cash available; partnership in larger concern where advertiser could run Optical connection entertained. All particulars, in confidence, to Rosslyn, 44 Cowley Road, Widdridge.

BUSINESS wanted; London suburb or South preferred; would act Locum if preferred, with prospect of Partnership or succession; undeniable references; cash ready. All particulars, strictly confidential, "Locum," c/o Pharmacist, 42 Richmond Road, Kingston, Surrey.

GOOD-CLASS Dispensing and Retail Business, returning upwards of £2,000 annually; Southern, Home Counties, or good residential suburb preferred; good house essential. Full particulars, in confidence, to "Pharmacist" (158/1), Office of this Paper.

GOOD-CLASS Chemist's Business wanted; country preferred; price about £500; with convenient house attached. Give particulars of position, neighbourhood, population of district, etc., to 155/37, Office of this Paper.

PATENT MEDICINE BUSINESS.—Advertiser wishes to purchase for cash an established Business; must be well known and open to every investigation; a neglected business would not be objected to. Apply 141/31, Office of this Paper.

WANTED, a small Business in middle- or working-class district, returning from £700 to £1,000; London, Home Counties, South Coast preferred; neglected one entertained if position good; prompt settlement for suitable concern. Please give full particulars in confidence to "Chemist" (155/11), Office of this Paper.

WANTED, a small Business in Suburbs or within 20 miles of London, with good house attached. State full particulars and price required to W. A. B., Daisy Bank, John's Avenue, London, N.W.

WANTED, unopposed Village Business, with Side Lines or scope for same; house with garden preferred; not North Eastern Counties. Full particulars, in confidence, to "Rex" 57/14, Office of this Paper.

WANTED, in Southern Counties, country or seaside, a sound Business, with house attached; cash available £250; partnership entertained, with view to succession. "Pharmacist" (160/4), Office of this Paper.

AGENCIES.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

ASIA MINOR was overflooded by German Chemicals and Proprietaries in pre-war times; now that the German octopus is dead, it is the proper time to introduce British goods; a well-established firm at Smyrna desires to Represent Manufacturers of Proprietaries, Pharmaceutical Preparations, and Chemical Products for all industries. Apply 148/26, Office of this Paper.

BELGIAN Manufacturer, keen and energetic, travelling a great deal, desires Agency in Belgium for Manufacturer of Oils, Machine Grease, Colours, Varnish, etc. Write Jules Peeters, Rue du Canal, Baelen s/Néthe, Belgium.

GLASGOW Merchant, established 17 years, Travellers calling on leading Chemists and Hairdressers in Scotland and North of England, selling Disinfectants and Soaps, open for Agencies in other lines; good Tooth Paste, Powder, Toilet preparations wanted, also Kennel and Stable Remedies; large central stores and office; efficient staff. Reply 154/18, Office of this Paper.

NEW ZEALAND.—Advertiser, who has just arrived from New Zealand, wishes to meet Manufacturers of Drugs, Sundries, Perfumery, Brushware, and Patent Medicines, who desire to extend their export business in that country; highest credentials, N.Z. Board of Trade, etc. Reply "Qualified" (149/16), Office of this Paper.

PORTUGAL.—Well-established firm at Lisbon with very good connection among dealers in Chemicals and Drug products desires to represent first-class houses manufacturing Ink Powders, Chemical Colours, and Chemical Products generally, for all industries; successful results guaranteed; good references. Address 17/15, Office of this Paper.

AN AUSTRALIAN OFFICER, who is a qualified Chemist, wishes to get into touch with Chemical, Drug, or other Manufacturers who desire to do or extend business in Australia. "Major" (133/33), Office of this Paper.

Do you want West Indian trade? We can market your products; our Travellers are continually in touch with both the Wholesale and Retail trade; we handle all kinds of goods; if you want results get in touch with us. Anglo-West India Agency, Manufacturers' Representatives, Barbados, W.I.

MANUFACTURERS desirous of extending their Australasian trade in fine Chemicals, Drugs, Proprietary Medicines, Toilet Soaps, Flavouring Essences (natural and synthetic), are invited to communicate with an important and old-established company having its own houses in all principal Australian cities. Apply 132/9, Office of this Paper.

REPRESENTATIVE wanted by old-established East Anglian Firm to carry a few good selling Lines; liberal commission; state ground covered. 137/26, Office of this Paper.

REPRESENTATIVE, calling on Chemists in Ireland, desires to take up Agencies on commission; commands the most extensive and personal connection with both Wholesale and Retail Chemists and Druggists, covering all Ireland. Reply to 140/24, Office of this Paper.

SOLE Agencies of reliable Manufacturers of Chemicals, Drugs, Patent Medicine, Perfumery and Toilet requisites are taken up on best terms for British India; proposals with particulars and samples immediately required. The International Commercial Agency, Limited, 147 Abdul Rehman Street, Bombay (established 1910; best references).

THE Anglo-French Drug Co., Ltd., desire to inform the trade that they have opened a Branch in Paris with large stock-rooms. They are therefore now in the position to offer their unique experience in introducing British goods and Specialities into France, and would be pleased to receive proposals as to sole Agencies. The Company would also act as Buyers in France or British and Colonial firms on a small commission basis. Proposals, etc., which will be treated confidentially, to be sent to the Head Office, Gamage Buildings, Holborn, London, E.C. 1.

TO Manufacturers of Toilet Preparations.—A gentleman with a large connection and owning a patented leading line, is open to offer from firm for business arrangement. Russell, "Greenlands," Greenlands Road, Staines, Middlesex.

TO HIGH-CLASS CHEMISTS' REPRESENTATIVES.

THE MULLER LABORATORIES, LTD., Scientific Food Specialists and Controllers of the Muller Nutrient, are desirous of making permanent arrangements with gentlemen possessing first-class connexions, who regularly cover defined ground in the North, Midlands, Ireland, and the South of England; exclusive territory allotted, and every encouragement given to serious and energetic workers. Address all particulars to the above at 144 Albany Street, London, S.W. 1.

TO Exporters and Manufacturers.—Firm, established in Barcelona, having very good Spanish commercial relations and able to give numerous bankers' and commercial guarantees, wishes to accept Agencies, Consignments, and act as Representatives for Colouring Matters and Pharmaceutical and Photographic Products. S. A. J. Cendra, Calle Bruch 164, Barcelona, Spain.

FOR SALE.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

A DENTAL Chair, also Showcases and Signs, for Sale. E. Wolff, 6 Broadway, Hammersmith, W.

BOTTLES.—Just delivered from works, 10 gross 8-oz. plain Flats, 40s. gross cash, delivered free three miles Charing Cross; advertiser will be able to supply 100 gross within three weeks. Fenning, 12 Richmond Terrace, Brighton.

FACTORY Premises, near London Bridge; 4 floors, 27 ft. x 26 ft.; rent £70 per annum; unexpired lease 13 years for Disposal; price £200; suitable for Chemical Manufacture. Apply 157/190, Office of this Paper.

FITTINGS.—Upright Perfume Case, plate glass; 23 good Counter Drawers, including Label Drawer; 200 ft. strong Shelving, painted; Window Enclosure, plate-glass Shelves and Ayrtton-Graham Bars and Brackets; Avery's brass Counter Scales and Weights; very good small Warehouse Scales; all good and cheap. Fuller details, write Brierley, Chemist, Leyburn.

FRCTION Hoist, belt driven, to raise 3 cwt.; also Warehouse Crane for hand; double-blade Mixer, fitted for power, will mix about 70 lb. to the consistency of putty; size of Mixing-bowl 11½" x 11½" x 15" deep; practically new. Apply 159/25, Office of this Paper.

FOR Sale, 2 lb. Flor. Camphor, 20s.; 8 oz. Ol. Lavand. Exot., 15s.; 4 oz. Ol. Menth. Pip., 12s.; 6 oz. Ol. Santal Flav., 25s.; post free. Apply 152/23, Office of this Paper.

MANICURE.—2 dozen superior quality needlepoint Cuticle Scissors; accept 90s. to clear; sample pair by post 4s. 6d. Tax, 31 Charing Cross, Whitehall, S.W. 1.

MIXER; double-blade; friction-pulley driven; a very powerful Machine; size of mixing-body 3' 4" x 2' 10" x 3' deep; reversing action and tilting arrangement; in perfect order. Apply 159/251, Office of this Paper.

"**W**ERNER" Mixer; double blade; universal type; counter-balance weight-tilting; size of mixing-bowl 29" x 29" x 22" deep; suitable for mixing heavy masses; quite equal to new. Apply 159/250, Office of this Paper.

3 WINCHESTERS Liquor Gent. Co. Conc. for making Inf. Gent. Co. Conc., i. to vii.; one ounce added to seven of water makes eight ounces of Inf. Gent. Co. Conc., i. to vii.; 1 lb. for 6s. 6d., one W. of 5 lb. for 30s.; cash with order; carriage paid. John Noble, Pharmacist, 17 Owens Row, London, E.C. 1.

SALES BY AUCTION.

VANILLA.—An Auction will be held on the 28th inst., when a fair quantity of Bourbon Beans will be offered, of first quality, well crystallised, and in fine keeping condition. Goods will be on show at Cutler Street Warehouse.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

RETAIL.

ASHTON-UNDER-LYNE.—Qualified Branch Manager wanted for good Retail and N.H.I. Dispensing; hours 9 a.m. to 8 p.m. Tuesdays 1 p.m., Saturdays 9 p.m., no Sunday duty; an interest given to a live, suitable man; state full particulars, age, references and salary required. Phillips, Ryecroft Pharmacy, Ashton-under-Lyne.

BIRMINGHAM.—Qualified Manager required for progressive Light Retail business, near the centre of the city; permanency; liberal interest in the profits offered. Apply 153/55, Office of this Paper.

BIRMINGHAM.—Elderly, qualified Assistant required; permanency; work light. Apply "A" (153/550), Office of this Paper.

BIRMINGHAM.—Qualified Assistant required for quick cash trade and Dispensing; knowledge of Photography; salary £5 10s.; state age and when at liberty. Norton, 359 Birchall Road, Perry Barr.

BRISTOL.—Qualified required about second week in June for Cash Retail and N.H.I. Usual particulars to Hayward (Chemists), Ltd., Redfield, Bristol.

BRISTOL.—Qualified Manager for Light Cash Retail, with N.H.I. Dispensing; branch is situated in pleasant suburb. Please send usual particulars to C. A. Stokes, Chemist, Bristol.

CHELtenham.—Qualified Assistant required for Dispensing business hours 9—7, evening and Sunday duty nominally. Nathl. Smith & Co.

CROYDON (near).—Junior (unqualified) wanted; good Dispensing knowledge of Photography and first-class references essential; a man accustomed to doing his best would find berth progressive and most comfortable. Full particulars, including salary required (outdoors), and photo if convenient, to 155/15, Office of this Paper.

EALING, W.—Durbin's Ltd., require the services of a Junior (unqualified) Assistant; must be good Counterman and reliable Dispenser. State age and salary desired, with references, to J. T. Brown, 66 Ealing Broadway.

EAST COAST RESORT.—Qualified Assistant required with view to taking over management; good Dispensing and Photographic experience essential; abstainer preferred; outdoors. Apply 155/29, Office of this Paper.

FRINTON-ON-SEA.—Wanted (at once), temporary Assistant Dispenser for the season (male or female). Apply, stating qualification, age, experience, and salary required to W. S. Coll, 25 Connaught Avenue, Frinton-on-Sea.

GLOS. COUNTY.—Wanted (at once), Junior; outdoors; Light Retail and little N.H.I. work; hours easy; the position offers a splendid experience. Apply, with full particulars please, "Denstone," c/o Nation's Drug Department, Albert Road, Bristol.

GRIMSBY.—Qualified Manager required for Drug Stores and 24th inst. Apply, with particulars as to experience, sales references, etc., to Geo. W. Cooling, 103 Victoria Street, Grimsby.

HANTS.—Qualified Branch Manager; market town, Fareham. Prescribing, Photography, some Optics and Dentistry useful; not essential; good-class shop and business; large modern house with electric light; salary plus good commission, thus deriving benefit of energy and successful management. State full particulars, experience, age, salary, photo, references, married, when at liberty. Foster, "Ivydale," London Road, Portsmouth.

KING'S College Hospital, Denmark Hill, S.E. 5.—Wanted Locum Tenens Assistant Dispenser (M.P.S.) from June to September 13 inclusive. Apply to E. B. Fairweather, Pharmacist, King's College Hospital, S.E. 5.

LEEDS.—Assistant required (at once) in a good working-class neighbourhood; must be capable and a good worker. Applying salary required and give references, to M. E. Murray, Chemist, 221 Woodhouse Lane, Leeds.

LIVERPOOL.—Wanted, Loom (lady), capable of taking charge of Retail business for two or three weeks from first week in June; qualification not essential; girl kept. Particulars to 58/36, Office of this Paper.

ONDON, Central District, West End.—Manager required; qualified; good knowledge of French or other foreign language; salary £350 per annum, plus good commission. Apply, giving full particulars, age, experience, qualifications, with copies of two recent testimonials, to Box 50, c/o Mather & Rowther, Ltd., 10-13 New Bridge Street, E.C.

ONDON.—Elderly, qualified Assistant required in a working-class neighbourhood; easy, comfortable berth; no Sunday duty. Apply "M. W." (159/14), Office of this Paper.

ONDON, E.—Elderly, qualified Assistant required; N.H.I. Dispensing; comfortable permanency; state salary required and when at liberty. "B. R." (156/101), Office of this Paper.

ONDON, N.E.—Manager wanted; outdoors; comfortable berth; permanency; must be active and good Salesman; required soon as possible. Apply, stating salary required and usual particulars, to "Ebor" (154/20), Office of this Paper.

ONDON, N.W.—Unqualified Assistant required for good-class Dispensing business; must be a capable Dispenser; permanency, state salary required and when at liberty. Apply "W. G." (153/551), Office of this Paper.

ONDON, N.W.—Elderly, qualified Assistant; active; capable Dispenser; permanency; state age, salary required, and earliest day at liberty. "K. R." (156/100), Office of this Paper.

ONDON, S.E.—Qualified Manager required for Light Retail and Dispensing business (N.H.I.); permanent berth, with excellent prospects; interest in the profits. Apply 153/552, Office of this Paper.

ONDON, S.E.—Wanted, in 2 or 3 weeks, qualified Manager for quick Business (staff all told 10); man with good all-round experience and capable of maintaining and developing the business; good and progressive salary; outdoors; one other qualified man kept. Apply, giving fullest particulars, to "G. L. C." 56/12, Office of this Paper.

ONDON, S.W.—A good all-round Assistant for a Dispensing and Retail business; outdoors. Apply, with full particulars to experience, salary, etc., to "Aspirin" (159/16), Office of this Paper.

ONDON, S.W. (Near Piccadilly).—Required, Pharmacist, for day duty, of good appearance and address, speaking French; st-End experience essential. Apply 158/7, Office of this Paper.

ONDON, W.—Required, a qualified and thoroughly competent all-round Senior, who is prepared to settle down into a long engagement; must be of good height, appearance and address, a first-class Counterman; businesslike qualities duly appreciated and remunerated. W. V. Wright, 25 Broadway, Hammer-smith.

ONDON, W.—Qualified Assistant wanted, male; also Junior. Apply, by letter in first instance, "X. Y. Z.", c/o British Drug Houses, Ltd., 22 Graham Street, City Road, N.1.

ANCHESTER.—Wanted, an Assistant (unqualified); Counter work and some Dispensing. Bates, Chemist, Brooks's Bar.

ANCHESTER.—Unqualified reliable Assistant for Light Retail and Dispensing business; good Window-dresser and knowledge of Photography; hours easy; outdoors; no Sunday duty. Please state salary and give full particulars, Johnson, Chemist, Stewich.

ANCHESTER.—Wanted, Assistant, lady or gentleman, for Light Retail Dispensing; hours 9 to 7.30, Wednesdays to 6.00, Saturdays 8 p.m.; no Sunday duty. Please give particulars of experience and salary required, in first instance, Uttley, Chemist, 451 Stockport Road, Longsight, Manchester.

ANCHESTER.—Manager; qualified; Dispensing and Light Retail; permanent. Send particulars to 159/24, Office of this Paper.

IDLANDS.—Relief Manager required for coming season; qualified; continuous relief work June to September inclusive, afterwards satisfactory permanency. State when at liberty salary required, "Midlands" (153/55), Office of this Paper.

ILLOM, CUMBERLAND.—Manager (qualified) at once for brisk middle-class Retail, Dispensing, N.H.I., and Photographic business; capable, smart, and energetic men apply, stating full particulars as to age, experience, salary, etc., and enclosing (to be returned). Applications unanswered in three days. Mrs. F. S. Dixon, Central Pharmacy, Millom.

MONMOUTHSHIRE.—Qualified Manager required for a large Light Retail and Dispensing business; must be a very capable man; splendid opportunity for the right man. Apply 153/553, Office of this Paper.

NORTHUMBERLAND.—Assistant (qualified) for good-class country Retail; no Sunday or half-holiday duty. Give full particulars, salary, experience, references, 154/17, Office of this Paper.

NORTH WALES.—Manager (qualified) for Branch about four miles from Wrexham; healthy, bracing district, beautiful country around; excellent berth; commission and share of profits; agreement; if able to speak Welsh an advantage. Full particulars to L. B. Rowland, L. Rowland & Co., Chemists, Wrexham.

OUTER SUBURB.—Junior or Improver (lady or gentleman) wanted in good-class business; easy hours and comfortable position; applicant must have some experience of Retail trade. Apply, stating age, height, and experience, and if possible enclosing photo, to Hutchin, The Pharmacy, Loughton, N.E.

PLUMSTEAD, S.E. 18.—Qualified Assistant required for Dispensing and Photographic business; outdoors. Apply to A. Goldthorpe, M.P.S., 111-113 High Street, Plumstead, S.E. 18.

PLUMSTEAD, S.E.—Qualified Assistant required for Dispensing and Photographic business; outdoors. Apply to A. Goldthorpe, M.P.S., 70 Herbert Road, Plumstead, S.E. 18.

ST. LEONARDS-ON-SEA.—Good Junior Dispenser wanted at once; age 24 to 28; man; short hours. Please give full particulars and last two years' reference, also state salary required (outdoors), to Ewbank Smith, 5 Norman Road, St. Leonards-on-Sea.

S.E. SUBURB.—Qualified Assistant wanted (outdoors) for good-class Dispensing and Family business; good Counterman and knowledge of Photography essential; 48 working hours per week; salary £260 per annum. Full particulars to "Arts" (153/31), Office of this Paper.

SHEFFIELD.—Wanted, qualified Assistant to manage Branch; Light Retail and Dispensing. Full particulars, age, experience, salary required, etc. to 158/9, Office of this Paper.

SHREWSBURY.—Qualified Assistant required (outdoors); close Mondays, Tuesdays, Wednesdays, and Fridays 7 p.m., Thursdays 1 p.m., Saturdays 8 p.m., no Sunday or extra duty; please give full particulars of experience, age, height, and salary required, in first letter, A. Williams, M.P.S., Chemist, Castle Street, Shrewsbury.

SOUTH KENSINGTON, S.W.—Unqualified Assistant (outdoors); reliable and accurate; salary £4 per week; in a good-class Family Retail; no N.H.I.; hours 9 a.m. to 8 p.m., Saturdays 9 p.m., some Sunday duty on alternate Sundays. N. Howard Schollar, Tennant's Pharmacy, 29 Sussex Place, S.W. 7.

SUNDERLAND.—Wanted, a qualified Assistant; N.H.I. work. State age, reference, and wages, J. G. Harrison, Pharmacist, 91 Hylton Road, Millfield, Sunderland.

TUNBRIDGE WELLS.—Qualified Assistant wanted (soon) in Dispensing business as Senior; permanent position, with prospects to suitable applicant; good experience necessary. Apply to A. E. Hobbs, 33 Mount Pleasant, Tunbridge Wells.

WINDSOR.—Competent young Assistant, with practical knowledge of Photography, Dispensing, and Counter; outdoors; reasonable hours; progressive remuneration to suitable man. Full particulars, salary required, etc., in first instance to F. G. Saunders, Pharmacist, Windsor.

A BOOKKEEPER and Dispenser, experienced in country medical practice, wanted end of May; salary 45s. Drs. Beachcroft and Kerr, Petworth, Sussex.

A COMPETENT Assistant wanted for high-class Dispensing and Retail business. Apply, giving all particulars and stating salary required, to Alfred Bond, Dispensing Chemist, The Pharmacy, Bank Street, Newquay, Cornwall.

A QUALIFIED Assistant who has had good Dispensing experience; salary (outdoors) £4 per week. Apply, giving full particulars, to D. P. Roberts, Chemist, Poplar Walk, Croydon.

A ASSISTANT, unqualified (outdoors); must be an expert Window-dresser and Salesman, and have had experience in good-class of business; hours reasonable and opportunity for advancement; state age, height, experience, salary, and when at liberty. Replies in confidence to Mr. Austen, Messrs. G. T. W. Newsholme, Ltd., Wholesale and Retail Chemists, 27 High Street, Sheffield.

ASSISTANT wanted for London S.W. Suburb; outdoors; hours 8.30 to 7.30, Saturdays 9, Wednesdays 1 p.m.; no Sunday duty; please state age, experience, and salary required. Apply 156/3, Office of this Paper.

ASSISTANT required (unqualified) for Mixed Light Retail; little N.H.I.; must have good references. Apply, with particulars of experience, age, salary expected (outdoors), when at liberty (personal interview preferred if can be arranged), W. Luty Wells, Chemist, Yiewsley, Middlesex.

ASSISTANT required with good all-round experience. Mellis's Pharmacy, 48 Regent Street, W. 1.

AT once, a qualified Locum for a month. State terms and give references to H. Carlton, Horncastle, Lincs.

CAPABLE Assistant, good knowledge of Photography, wanted in good-class business. Full particulars of experience and salary required to H. F. Ferriss, 349 High Road, Lee Green, S.E. 12.

CAPABLE Assistant wanted for City business; young; qualified preferred; short hours, 8.30 to 7.30; afternoon weekly at 1 p.m. (or any day by arrangement); no Sunday or Bank Holiday duties; personal application preferred. If writing, state usual particulars to D. C. Jones, Chemist, 21 Aldgate (City), E. 1.

EVENING Assistant (gentleman) wanted; hours 6 p.m. to 9 p.m.; Dispensing and Retail; state age, salary required, and reference. Garner, 204 Haverstock Hill.

EXCEPTIONAL opportunity for young Pharmacist possessing S.M.C. or B.O.A. qualification; every facility for acquiring first-class experience and practice in refractive work, also excellent prospects of responsible position in Pharmacy; must be keen business man. Write full particulars first letter, enclosing recent photo, also state salary required, Broadway Branch, "Body's Pharmacies," Southend-on-Sea.

JUNIOR Assistant, unqualified, wanted at once; good Dispenser and well up in Photography. Apply, with references and photograph, stating salary required, hours 8.30 to 7.30, Thursdays 1 p.m., Saturdays 9 p.m., W. Finlayson, Pharmacist, Stockton-on-Tees.

JUNIOR or Improver (outdoors) for brisk Counter and Dispensing business; hours 9 to 7.45, Wednesday 1 p.m. State age, experience, references, and salary required, Pegg, Chemist, Mansfield.

JUNIOR Assistant for Branch; outdoors; one with knowledge of Dispensing; N.H.I. work. Full particulars to Hampton, Chemist, 86 Northgate Street, Gloucester.

JUNIOR wanted (immediately); outdoors; used to a good-class business; must be smart, active, willing, and obliging. State full particulars in first letter as to age, previous experience, salary required, and when disengaged, E. M. and M. T. Chater, Chemists, Watford.

LADY, qualified, wanted as Managing Assistant in a Mixed country business situated in a beautiful district (38 miles from London); comfortable home. Apply, stating salary required and usual particulars with references, to 155/34, Office of this Paper.

LADY Dispenser or Counter Assistant wanted (outdoors) in good-class business; no Sunday duty, one day off at 1; permanent post. State full particulars, age, references, salary required, and when disengaged, to H. Barnett, Chemist, Hythe, Kent.

LADY Dispenser (with Hall qualification preferred) from beginning of June to end September; must be quick and accurate Dispenser. Full particulars and salary expected to J. Lloyd Jones, Pharmacist, Prestatyn, N. Wales.

LADY Dispenser required; must hold certificate of the Pharmaceutical Society of Great Britain. Apply, stating age, experience, and salary required, with copies of two recent testimonials, to the Clerk and Steward, Welsh Metropolitan War Hospital, Whitechurch, near Cardiff.

LOCUM (gentleman) required early in June for five weeks as Dispenser at Sussex County Hospital; qualified; hours 9.30 till 5; second Dispenser kept. Apply with usual particulars to Mr. A. J. Franklin, 86 King's Road, Brighton.

LOCUM wanted, 10 days May-June, and 14 days August-September; terms and references. Wilkinson, 129 Ferham Road, Rotherham.

LOCUM for three weeks about June 23 for Dispensing and Retail business; please state salary required (outdoors), age, experience, and enclose references. Willis, Brixham, Devon.

LOCUM, qualified, for three weeks from August 11, for quick Cash business; London, S.W.; reasonable hours; no Sunday or night duty; one assistant kept; £5 10s. weekly (outdoors). Apply 155/36, Office of this Paper.

LOCUM, qualified; June 23 to July 12. Apothecaries' Hall, Blackfriars, London, E.C.

MANAGER or Senior wanted (at once); must have had previous experience of the highest class; please give fullest particulars in first letter. Frank A. Rogers, 327 Oxford Street, W. 1.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist; easy hours; good and progressive salary, with excellent prospects; free removal.

PART-TIME Assistant (male or female); one capable of Dispensing and all Photo work; hours 4 to 8 daily, or could be arranged; state experience, salary, etc. P. T. Harris, 183b King's Road, Chelsea, S.W. 3.

PHARMACIST required for Branch Manager; must be intelligent and enterprising; commencing salary £260 per annum and commission. Apply "Progress" (158/38), Office of this Paper.

REQUIRED, in good-class Dispensing business in the Midlands, a really smart Junior Assistant; excellent opportunity for man wishing to qualify. State full particulars as to salary, references, etc., to 159/40, Office of this Paper.

QUALIFIED Assistant, married man preferred, with view to partnership; must be well up in Dispensing; please send references. Butcher & Pattison, Chemists, Cheltenham.

QUALIFIED Chemist wanted for easy berth; would suit discharged soldier slightly incapacitated, or elderly man; short hours; no Sunday or half-holiday duties; within easy reach of town or country; Wolverhampton district. Apply 153/39, Office of this Paper.

QUALIFIED Manager; small branch; beginning of June until end of September; £5 a week. Hall, Chemist, Skegness.

QUALIFIED Locum for a few weeks from May 10th; age, experience, salary (outdoors). G. Humphreys, Pharmaceutical Chemist, Northwich, Cheshire.

QUALIFIED Manager required (at once) for good-class Retail and Dispensing, with Photographio business; Newcastle-on-Tyne district; only steady, smart men and abstainers need apply; one other Assistant kept. Apply, stating salary expected, with photo, and particulars as to experience, age, height, etc., to 147/13, Office of this Paper.

QUALIFIED (Minor); lady or gentleman Assistant; Counter and N.H.I.; comfortable berth; reasonable hours. Please state salary required, Horn, Chemist, Goldthorpe, near Rotherham.

QUALIFIED Dispenser with good experience required; outdoors; no late or night duty. Apply Lewis & Burrows, Ltd., 146 Holborn Bars, E.C.

SMART unqualified Relief Man for the month of July for S.E. Suburbs; salary £15; outdoors; two references. "X Y Z." (151/21), Office of this Paper.

WANTED, qualified man for a few hours daily, elderly preferred, for Ardwick, Manchester; full particulars, salary; Dispensing only. Apply 155/19, Office of this Paper.

WANTED, Junior Assistant (male) for high-class Dispensing business. State salary (outdoors), with usual particulars, enclosing photo, to H. R. Browne, 1 Cornfield Road, Eastbourne.

WANTED, a thoroughly capable Assistant for Drug Stores (abstainer), with knowledge of Photographio trade preferred; must have excellent references; easy hours. Full particulars of experience, salary required, married or single, to Hallock, 9 Wickham Lane, Plumstead, S.E. 18.

WANTED, an unqualified Assistant with good knowledge of Dispensing; splendid opportunity for advancement. Apply Philip Harris & Co., Edmund Street, Birmingham.

WANTED, a young male Assistant, chiefly for Dispensing, and assist generally when required; qualified or unqualified; no application from persons over 30 years entertained; outdoors. Apply, stating salary required, etc., to A. Lloyd Davies, Pharmacist, Woking.

WANTED, a reliable man, with good, sound knowledge of Drugs and Chemicals, required for Retail Chemists' trade, to take charge of the Wet Counter. Apply G. Steven & Co., Chorlton Road, Manchester.

YOUNG lady Assistant required, unqualified, for Counter; easy hours. J. James, 18 Wilton Road, Victoria, S.W.

YOUNG lady Assistant required for Toilet and Perfumery department. Apply Lewis & Burrows, Ltd., 146 Holborn Bars, E.C.

WHOLESALE.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

LONDON.—Wholesale Manufacturing Chemists require Assistant Analyst for Assay Laboratory; should be thoroughly experienced in alkaloid assays, taking spirit strengths, examination and testing of Chemicals, Crude Drugs, Oils, etc., and generally familiar with B.P. standards and tests. Apply, with full particulars and salary required, 155/400, Office of this Paper.

LONDON and South Coast.—Active Salesman wanted on this territory by leading Firm of Toilet Specialists and Druggists' Sundries' Manufacturers; progressive position for man conversant with this territory. Apply "L." (155/29), Office of this Paper.

ADVERTISING ASSISTANT.

A LONDON Firm of Manufacturing Chemists and Pharmaceutical Specialists requires a young Pharmacist (not necessarily qualified) to prepare Advertisements, Labels, Copy, etc.; must be experienced in this class of work; position is progressive; commencing salary to right man £300 per annum. Give full particulars in first letter to "Copywriter" (154/420), Office of this Paper.

ASSISTANTS required (at once) by firms about to take part in Trade Exhibition in London; must have experience in Wholesale (Chemicals, Perfumes, or Optics), and first-class references. Write Box "F. C." 79, c/o Deacons, Leadenhall Street, E.C., giving full particulars.

ASSISTANT, about 18, with good knowledge of Sundries, required for export City Druggists; must have had experience in Sundries' work before. Apply to "L." (155/40), Office of this Paper.

COUNTER Hands wanted for Wholesale Chemical trade; City warehouse; state age, experience, and wages. Apply 156/110, Office of this Paper.

EXPERIENCED Pill Maker as Foreman in Pill department; good wages. Reply, with full particulars, c/o 156/13, Office of this Paper.

EXPERIENCED, unqualified Assistant to take subordinate charge of Laboratory. Please state age, salary required, experience, etc., to Works Manager, Ucol, Cheltenham Spa.

FOR SCOTLAND.—Wanted, a real live Representative well known to Scotch Chemists (Scotchman preferred), by an up-to-date London house; Toilet Specialties, Packed Goods, Novelties, etc.; state age, experience, and salary, etc.; only energetic, pushful Salesmen need apply. "Jazz-Go" (150/55), Office of this Paper.

GIRL wanted, with experience in filling and labelling Toilet preparations; good prospects for smart girl. Apply Ground Floor, 3 Jewry Street, E.C. 3.

INVOICE Clerk required for City Wholesale Druggists. Apply, by letter, giving full particulars and salary required, to "C. W. D." (155/680), Office of this Paper.

PILL-MAKER, thoroughly experienced, by Wholesale Firm in Lancashire. Apply, stating all particulars, 159/15, Office of this Paper.

POPULAR summer side line.—Wanted, good Representatives on commission, to introduce speciality (selling at sight); South, West, East, Midlands, and Scotland; give territory and references. E. and G. W. Colver, Manufacturing Chemists, 25 Ryland Road, Edgbaston, Birmingham.

REPRESENTATIVE wanted by old-established firm of Druggists' Sundries; active, steady; good existing connection with Hospitals, Stores, etc.; London and district. In application state full particulars to "Prompt" (154/35), Office of this Paper.

REPRESENTATIVES WANTED.

A LONDON Firm of Manufacturing Chemist and Pharmaceutical Specialists has vacancies on its Home Staff for additional Travelling Representatives to call upon Chemists, Doctors, Institutions, etc.; applicants (not necessarily diplomaed) must be experienced and possess a working knowledge of Pharmacy and Therapeutics; Sales-making ability is an essential qualification; salary, commission, and expenses are offered for first-class services. Apply "Extension" (154/42), Office of this Paper.

STEAM Laboratory Manager required, with good experience and capable of taking sole charge. Apply, with full particulars, in confidence, C. J. Hewlett & Son, Ltd., 35-42 Charlotte Street, E.C. 4.

TABLET Maker wanted; permanent progressive position to competent man. Apply, with full particulars, to Philip Harris & Co., Ltd., Edmund Street, Birmingham.

THOMPSON & CAPPER, LTD., require a qualified man with good experience, and with a knowledge of Photography. Apply, giving full particulars, enclosing photograph and stating salary required, to Thompson & Capper, Ltd., Manesty Buildings, College Lane, Liverpool.

TOILET Preparations, Perfumes, etc.—Man, experienced in Manufacture, required for Factory of large London Stores. State experience and wages required to 157/11, Office of this Paper.

TRAVELLER required by old-established Firm of Manufacturing Chemists, to call upon Doctors in South London; previous experience essential; good address and practical knowledge of Drugs. Apply 155/68, Office of this Paper.

WANTED, a Chemist for the Analytical Department of a firm of London Chemists; he must have had experience in the examination of Drugs and Chemicals as well as in general analysis. Apply by letter, stating age, experience; and salary required, to 153/68, Office of this Paper.

WANTED, Representative to carry as side line Proprietary Medicine showing good profit; quick selling line; commission 20 per cent.; state ground. Apply 151/20, Office of this Paper.

WET Counter Hand; must be capable and experienced; wages £2 12s. 6d. Apply, stating age and previous experience, to Dakin Bros., Ltd., Wholesale Druggists, 82 Middlesex Street, E. 1.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

(Colonial, Indian and Foreign.)

BANGKOK, SIAM.—Qualified Assistant required; knowledge of sight testing and fitting essential; one with good-class London experience preferred; four years' agreement; salary £400, £425, £450, £500 yearly, with furnished quarters; passage paid out and home. Apply, with testimonials and photograph, to "M. H.," Export Department, S. Maw, Son & Sons, Ltd., 7-12 Aldersgate Street, E.C. 1.

COLOMBO.—Assistant required in the Drug and Chemical Department in a large Store in Colombo; a young man with good Counter experience in a Drug Store in this country; preference given to a qualified man. Write, in first instance, stating age, and giving full details of previous experience, to "Assistant" (154/30), Office of this Paper.

HONG KONG.—Two thoroughly reliable Assistants who have had good experience in first-class Retail business; age 22 to 30; four or five years' agreement; salary for qualified men £32, rising to £35 or £36 per month, with free quarters or house allowance; passage paid out and home. Address "Export" (155/35), Office of this Paper.

INDIA.—Old-established British firm in Calcutta requires an Assistant; neat and accurate Dispenser; under 30; qualified preferred; four years' agreement; monthly salary, first year Rs. 300, second year 325, third 350, and fourth 400; passage paid both ways. Apply, stating age, qualifications, and experience, to 151/24, Office of this Paper.

PARIS.—Assistant, qualified, and with knowledge of French preferred; outdoors; no Sunday or night duty. Write, with references and photo, stating salary required and when free, Roberts & Co., 5 rue de la Paix, Paris.

SINGAPORE.—Wanted, qualified Assistant, young, single, with thorough knowledge Retail business; capable taking charge if necessary. Apply by writing, with particulars, to Durant, Radford & Co., Bulliter Buildings, E.C. 3.

SITUATIONS WANTED.

Is. for 12 words or less; 8d. for every 10 words or less beyond, prepaid

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

[HOME.]

RETAIL.

AS Locum, holiday relief, or extra Assistant; Counter, Dispensing, good Prescriber; 10 years' Wholesale experience; unqualified; age 52; active; abstainer; good reference; seaside preferred; disengaged uow. "Trustworthy," 5 Moreland Road, Weston-super-Mare.

AS Manager; qualified; South Coast preferred; expert Photographer and Salesman; highly recommended and energetic; willing to introduce original first-class proprietaries and re-organise. Apply 155/25, Office of this Paper.

AS qualified Manager; disengaged; capable and reliable; 20 years' experience; South Wales preferred. Apply Davies, Ty. Cwrdd, Llwynhendy, Llanelli.

AS Manager, qualified, with view to succession preferred, in Country business; South; all-round experience; abstainer; excellent references. "Aspirin," 17 Gladstone Park Gardens, Cricklewood.

AS quick Dispenser; good Counterman; several years' London and Continent; well up all branches. "Disengaged," 39 Falmouth Road, S.E. 1.

ASSISTANT, unqualified, 30, good all-round experience, desires situation; London or suburbs; permanency. Warden, 10 Hazledean Road, Harlesden, N.W. 10.

ASSISTANT or Manager; 38; qualified; good Dispensing, Counter, and Photographic experience; permanency; Brighton or district preferred. Apply "Chemist," 52 Grantham Road, Sleaford, Lincs.

ASSISTANT (26); unqualified; N.H.I. Dispensing and Counter; eight years' experience; London or district. Ellis, 4 Nibthwaite Road, Wealdstone.

ASSISTANT (unqualified) disengaged; varied experience. "D.," 49 Walton Street, Leicester.

ASSISTANT; unqualified; 33; married; London or near; references and experience good. A. J. C., 127 Frenches Road, Redhill.

ASSISTANT (Hall); West-End and country experience; good references; seaside preferred. Apply 129/27, Office of this Paper.

ASSISTANT; unqualified; 10 years' experience good-class Retail, Dispensing, Photographic, and Country trade; excellent references. "Demob.," 53 Angel Street, Grove Hill, Middlesbrough.

ASSISTANT or Manager; unqualified; married; 18 years' London experience (West End); quick and accurate Dispenser, Prescriber, Extractor; willing, reliable; highest references; present berth 5½ years. Apply Richardson, 100 St. Leonard's Street, Bromley-by-Bow.

ASSISTANT (lady); three years' Counter and Dispensing; entire charge at times; disengaged July 14th, or would relieve for holidays. "D.," 34 Gipsy Hill, Upper Norwood.

ASSISTANT, qualified, 25, desires post in good-class Dispensing business. Haynes, Heather Road, Small Heath, Birmingham.

ASSISTANT, unqualified, 24, single, requires season engagement; North Wales Coast; good references and experience. State salary, Hudson-Jones, Park Terrace, Ruthin.

ASSISTANT (26); unqualified; married; good Counterman; not afraid of work. Apply 159/28, Office of this Paper.

ASSISTANT (24), unqualified, seeks situation in Nelson, Burnley, or East Lancs district; good all-round knowledge of Dispensing, Photography, etc. Apply 159/22, Office of this Paper.

ASSISTANT; unqualified; 24; demobilised (Sergeant, R.A.M.C.); Dispensing, Counter, Photographic. Please state salary, hours, etc., "Radex" (158/18), Office of this Paper.

ASSISTANT; 37, single; unqualified; 18 years' experience in good-class Dispensing businesses; Photography; good references; state salary. Rous, 21 Coley Hill, Reading.

ASSISTANT, unqualified, demobilised, age 24, eight years' experience, seeks berth; West Riding, Yorkshire, preferred. Apply 159/11, Office of this Paper.

ASSISTANT or Manager; 45; unqualified; Dispensing and Manufacturing; accustomed to taking sole charge; good references; London only. Apply 160/36, Office of this Paper.

BRANCH Manager, qualified, 40, married, eight years in present berth, desires change. Apply 159/38, Office of this Paper.

CHEMIST can recommend an Assistant, unqualified, either part-time or in light situation; leaving through demobilised Assistants returning; London. Apply 158/39, Office of this Paper.

CLERK desires evening employment; fifteen years with Wholesale Chemists. "N.," 16 Christchurch Street, Chelsea, S.W. 3.

COMFORTABLE permanency desired by competent trustworthy man; married; unregistered; age 46; disengaged; country preferred, Yorkshire. Belle Ville, New Burlington Road, Bridlington.

COUNTRY.—Unqualified Assistant, age 24, married, requires permanency; small country town preferred; six years' good-class, all-round experience; quick and accurate Dispenser; splendid Salesman and Window-dresser; excellent references; disengaged 24th this month. Please state salary, etc., Carter, 40 High Street, Seaford.

DEMOBILISED Pharmacist; 30; good experience and references. Thomas, Hazel Dell, Shanklin.

DEMOBILISED, unqualified, 21, good appearance and address, four years' Dispensing experience, desires post until commencement of October courses; energetic Counterman and Window-dresser. Kindly state salary offered to "M. R. H.," 7 Retford Place, Bradford.

DISENGAGED Locum or permanency; excellent references; London and provincial experience. "Chemist," 23a Sinclair Gardens, Kensington, W. 14.

DISPENSER requires post; Doctor and Institution experience; free middle of June. Miss Wood, Herts County Asylum, St. Albans.

DISPENSER, Chemist's Assistant, seeks post; Manchester or district; good references. Apply 156/7, Office of this Paper.

DISPENSER, Bookkeeper, etc.; 27 years' experience; age 44; disengaged; permanency required; would do locum; married. Strutt, 2 London Road, Hailsham.

DISPENSER; unqualified; eighteen years' experience; qualified in America; Prescribing specialist; Bookkeeping, Type-writing; whole or part time; Indian. "Tuga," 61 Cirencester Street, Paddington, W. 2.

DISPENSING.—A lady (Hall certificate) desires post at seaside town; two years' good experience at London Pharmacy; Institution preferred. Address A., 2 Stanhope Gardens, Ilford, Essex.

DOCTOR'S son, demobilised, 26, single, desires post with Doctor as Dispenser-Bookkeeper; 4½ years' experience; unqualified; private and Panel; experienced motorist; would drive car or motor cycle (side-car) in spare time; energetic; good references. Reply, stating salary, hours, etc., 156/37, Office of this Paper.

EVENINGS, Saturday afternoon, Sunday; unqualified; experienced; young, smart; would occupy house or apartments in return. "Business" (158/40), Office of this Paper.

HULL.—Elderly Assistant wishes engagement in Hull; used to N.H.I.; good reference; moderate salary. "X. Y. Z.," 61 Belvoir Street, Hull.

IMPROVER, young, lady good appearance, in North Wales or Liverpool, accustomed to Counter stock, Photographies, and Dispensing, under supervision, about one year shop experience, desires engagement now or in a month or two for at least one year. Terms to 155/35, Office of this Paper.

JUNIOR Assistant; demobilised; age 25; tall and energetic; West London district preferred. Apply "Statim" (158/29), Office of this Paper.

LADY, unqualified, Scotch, coming to London soon, able to dispense 40-50 N.H.I. daily, wishes permanency in busy shop; would assist Counter, bookkeeping, stock; £3 10s.; London or very near. Apply 154/8, Office of this Paper.

LADY Assistant, five years' experience, able to assist with Dispensing, requires post; Blackpool or any seaside resort. Apply 152/17, Office of this Paper.

LADY (Hall) as Locum or permanent; eight years' experience. Apply 149/19, Office of this Paper.

LADY Dispenser, Hall qualification, highest class West-End Chemist's experience, requires post in London. Apply L. A. Hoard, 156 Elgin Avenue, W. 9.

LADY Dispenser (Hall) requires post with Doctor; London; bookkeeping; experienced. Apply 156/32, Office of this Paper.

LADY Dispenser (Hall), some experience with Chemist, requires post; locum or permanent; N.W. district preferred. Apply 156/28, Office of this Paper.

LADY Dispenser desires re-engagement either as Assistant to Chemist or with Doctor; three years' experience. Apply 156/11, Office of this Paper.

LADY Dispenser (21), Hall, 15 months' experience, requires post; Chemist preferred; disengaged middle of May. Buttrick, 3 Norman Villas, Springfield Road, Windsor.

LADY Dispenser (Hall), young, well educated (London Matric.), requires post in London. Apply 159/27, Office of this Paper.

LADY Dispenser (Hall) requires post with Doctor; free at once. Apply 160/5, Office of this Paper.

LADY Dispenser, qualified, five years' experience, desires post; Doctor or Institute. Apply 155/16, Office of this Paper.

LADY Dispenser, Hall qualification, experienced, requires post; Blackpool or any seaside resort. Apply 152/21, Office of this Paper.

LOCUM, qualified; last fortnight in June; London or suburbs; please state terms. Apply "Chemist," 56 Lamb's Conduit Street, W.C. 1.

LOCUM (qualified) wanted; London area. State various dates free and terms to 156/29, Office of this Paper.

LOCUM; reliable; experienced; excellent references; disengaged May 19th, 26th, June 19th to July 10th. "Sergeant" 156/20, Office of this Paper.

LOCUM (qualified) has few vacant dates from end of May; South Wales preferred; highest references. Apply (immediately), "M.P.S." (156/16), Office of this Paper.

LOCUM; qualified; experienced; free rest of May and part June; London or suburbs. "M.P.S." (156/33), Office of this Paper.

LOCUM; unregistered; experienced Prescriber, etc.; abstainer; references. "Practical," 15 Waltham Road, Southall, W.

LOCUM WORK.—Pharmacist now booking dates; leading firm in large Midland town already accepted for fourth successive season; Verb. Sap.; present engagement well-known London City firm. Write "Midlands" (157/8), Office of this Paper.

LOCUM Dispenser; Hall; experienced; good testimonials; disengaged June; seaside or country preferred. Miss Saul, 129 High Street, Brentwood, Essex.

LOCUM, otherwise; reliable; disengaged; experienced; three years' reference. "D.," 82 Marlborough Road, Romford, Essex.

LOCUM Tenens; disengaged May 22; experienced. "L. T.," The Pharmacy, Moreton-in-Marsh, Glos.

LOCUM or Temporary; unqualified; demobilised; 4½ years' service; best experience. State terms to Hebdict, 24 Bank Side Street, Leeds.

LOCUM; disengaged May 20th; ex-Army; Manager or otherwise. Bedding, 10 Ponsonby Terrace, Westminster, S.W. 1.

LOCUM Manager free for engagement till June 30; 25 years' experience; excellent references. "H.," 19 Rockmount Road, S.E. 19.

LOCUM; unqualified; good Dispenser and Counterman; excellent references; seaside preferred; at liberty May 27th. Write "Zingiber," 67 Chatsworth Road, Morecambe, Lancs.

LOCUM, qualified, 35, experienced Retail and Institution, open for engagements in June. "A.," 10 Florence Road, Ealing, W. 5.

LOCUM.—Pharmaceutical Chemist, with long West-End Managerial experience, would deputise for Principal or Manager during holiday season; in or near London; disengaged June 2nd, or would accept good permanency. Reply 160/13, Office of this Paper.

MANAGER or Assistant; unqualified; 24 years' varied experience; in- or out-doors; smart Counterman, Window-dresser, and Dispenser; good references. Kindly state salary offered and particulars to "Reliable" (155/28), Office of this Paper.

MANAGER, experienced, abstainer, age 42, with wife (experienced) as Assistant; London or seaside. "Caradoc" (157/29), Office of this Paper.

MANAGER or Managing Assistant; unqualified; 39; tall; married; 25 years' good experience; excellent references; permanency; disengaged. H., 3 Norwood Avenue, Southport.

MANAGER; unqualified; 42; view to succession preferred; 25 years' excellent all-round experience; disengaged shortly. All particulars to "Chemicus" (159/26), Office of this Paper.

MANAGER; excellent experience and references; Minor; tall; 44; salary £4; abstainer. Apply 158/25, Office of this Paper.

MANAGER, with view to succession; 35; married; recent Managership over five years; active; 19 years' good all-round experience; exceptional organiser and business builder; excellent references; please state salary offered and full particulars of business and living accommodation; interview preferred. "Reliable" (158/24), Office of this Paper.

MANCHESTER or District.—Dispenser (lady), Hall, wishes part-time work; Institution or with Doctor preferred; experienced. Apply 158/8, Office of this Paper.

PART-TIME situation required; unqualified; Liverpool or near. 27; ten years' varied experience. In reply please state terms, etc., to 154/9, Office of this Paper.

PART-TIME post required by Dispenser (Hall); mornings and afternoons; some experience. B., 12 Melbourne Road, Merton Park, S.W. 19.

PART-TIME Dispensing post required by lady Dispenser (Hall); experienced; Croydon or neighbourhood preferred. Miss Peto, Wellesley House, Wellesley Road, Croydon.

POSITION required as Dispenser to Doctor or as Chemist's Assistant; Hall qualification. Miss Burstow, Belmont, Church Walk, Thames Ditton, Surrey.

QUALIFIED Dispenser (Medical Student), good experience in French and English Dispensing, Bacteriology, urine analysis, requires part-time employment; West-End preferred. Apply 154/23, Office of this Paper.

QUALIFIED (28), experienced, seeks locum or permanency; London or country; reasonable hours. Snow, 170 Kennington Park Road, S.E. 11.

QUALIFIED as Locum; experienced; excellent references; energetic. "Chemist," 6 Mitford Villas, Moreton-in-Marsh.

QUALIFIED lady (elderly) seeks post in country; disengaged; partnership or purchase entertained. "Chemist," 61 Davies Street, Oxford Street, London, W.

QUALIFIED (35) desires evening Dispensing; West London or western suburb preferred; excellent references. Apply "R." (157/4), Office of this Paper.

QUALIFIED man wants a position as Manager or Locum, with a view to purchase. "W. A. B.," Daisy Bank, John's Avenue, Hendon, N.W.

QUALIFIED; middle-aged; now disengaged; West End and provincial experience; locum if desired. Pharmacist, 45 Stephens Road, Tunbridge Wells.

QUALIFIED Manager (40) seeks post in South or South-West; accustomed to good-class Dispensing business; present situation upwards of 12 years; excellent references; prospect of succession entertained. State salary, "W. R. F." (160/15), Office of this Paper.

UNQUALIFIED; demobilised; 37; experienced; neat, accurate Dispenser, Photography. State salary, 154/19, Office of this Paper.

WELL-EDUCATED youth, age 18 (Chemist's nephew), wishes to be appointed to a good-class business where a sound Pharmaceutical training can be obtained; South of England. Please state full particulars and terms offered to 158/32, Office of this Paper.

YOUNG lady requires post; Photography, Developing, Printing, and Enlarging; 3½ years' experience with Chemist. Particulars Martin, 30 Waverley Road, Exmouth.

YOUNG lady (19), knowledge of Dispensing, requires post as Improver; mornings only. Write, stating salary, etc., "L.," 50 Durlston Road, E. 5.

YOUNG man (21), ex-R.A.M.C., desires junior position with Chemist (preferably London or suburbs) to learn trade; small salary; highest testimonials. Apply 157/7, Office of this Paper.

WHOLESALE.

1s. for 12 words or less; 6d. for every 10 words or less Beyond, prepaid.

DRUGS, DRESSINGS, SUNDRIES, PROPRIETARIES, SURGICAL INSTRUMENTS, HOSPITAL EQUIPMENT.

A COMPETENT BUSINESS MANAGER with Publicity experience (West End), thoroughly conversant with the foregoing trades and respective markets, is open to negotiate for a position (London) where ability and an intelligent interest in the work would count; disengaged; SEVENTEEN YEARS IN COMMERCE; big salary not of first importance; highest credentials. Write 157/18, Office of this Paper.

ADVERTISER, well introduced London Wholesale and Dept. Stores, shortly opening City office, requires additional side lines; Drugs, Chemicals, Sundries, Proprietaries, etc.; could undertake advertising. Apply 154/24, Office of this Paper.

ADVERTISER, qualified, 34, good education, knowledge of French, able to control staff, recently demobilised after three years in charge of medical stores and dispensaries, now managing for well-known Retail Chemists, desires responsible post in London as Manager, Works Manager, Representative, or other position where initiative and energy would be suitably rewarded. Apply 154/2, Office of this Paper.

AGE 30; twelve years' experience buying, sales, home and export with good City houses; Drugs, Chemicals, Patents, Sundries; would entertain travelling. Apply 157/6, Office of this Paper.

CHEMIST'S Assistant, 32, desires position as Traveller; Drugs, Sundries; energetic; wage, expenses, commission. Reply "Viride" (157/40), Office of this Paper.

DEMOBILISED soldier (28) seeks situation as Storeman or dispatch work; nine years' experience. "T. K.," 64 Dale Road, N.W.

DEMOBILISED, 26, married, desires change from Retail to Wholesale; four years Apprentice, 2½ years Assistant in high-class Pharmacies; London preferred. Alford, 27 Raleigh Road, Richmond, Surrey.

EX-SERGEANT, Dispenser and N.C.O.-in-charge of Base Medical Store, requires position as Travelling Representative; good business ability. "Demob." (160/37), Office of this Paper.

FRENCH gentleman, 19 years, shorthand, typist, bookkeeping, French correspondent, good references, seeks situation; Toilet requisites preferred. Apply 152/27, Office of this Paper.

GENTLEMAN (26), discharged from Army, eight years' experience Wholesale and Retail Drug trade, desires to represent firm of repute; good address; references undeniable; would entertain good inside position. Apply 150/10, Office of this Paper.

GENTLEMAN (39) desires change from Retail to Wholesale (over 20 years' Retail experience) as Representative; Drugs or Sundries, or both; London or provinces. References, full particulars, salary, expenses, commission, etc., to "Leown" (159/2), Office of this Paper.

JUST demobilised (29), good appearance and address, well educated, desires position in Wholesale house or as Representative; eight years' high-class Retail. Apply 158/15, Office of this Paper.

TO Chemists and Dentists.—Senior; 33 years; Dental Operator; fillings, impressions, Dispensing; excellent Salesman, Photography. Advertiser live man who can attract business. "Demob.," 80 Ambler Road, Finsbury Park, N.

TRAVELLER, experienced, sound connection with Chemists, Hairdressers, etc., Midlands and Eastern Counties, open to represent good house on commission and part expenses. Apply 157/5, Office of this Paper.

UNIVERSITY man seeks work; Laboratory or branch Retail, or Wholesale Prescribing experience. Apply 151/23, Office of this Paper.

YOUNG man with first-class Wholesale experience, seeks position as Representative; Drugs or Sundries; Lancashire district. Apply 155/30, Office of this Paper.

20 YEARS' sound business experience, supervisor with progressive and initiative ideas; a berth required in any capacity; financial interest if necessary; references available; please give full particulars in first instance. Apply "Venus" (153/34), Office of this Paper.

SITUATIONS WANTED.

(Colonial, Indian and Foreign.)

CHINA, SIAM, STRAITS SETTLEMENTS, AND CEYLON.—Representative of important Drug house is desirous of representing high-class Perfumery Manufacturers, also other allied trades. Apply "L." (151/50), Office of this Paper.

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Shares for Sale (free of commission, subject).—£600 Allenbury 4% Debs. 80½, yielding £5 12s. per cent.; 50 Borax Deferred, 2s. 6d.; 250 Brunner Mond Ordinary, 42s. 6d.; 50 W. J. Bush refs., 74s. 6d.; 500 Casein, Ltd. (Proprs. Sanagen), £1 fully-paid Ordinary, 10s. 10½d.; 50 Lewis & Burrows Prefs., 17s. 9d.; 100 Schweppes Deferred, 9s. 7½d.; 46 Bryant & May Ordinary, 35s. Wanted (subject).—Allenbury Prefs.; Ordinary Prefs. and Debs. Camwal & Idris; 200 G. B. Kent Prefs., 15s. 7½d.; Wright, Layman Prefs.

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A QUANTITY of about 1½ tons of Castile Soap for Sale; genuine French, in bars and tablets. Apply 145/17, Office of this Paper.

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FOR Sale, two Geryk Vacuum Pumps, "A" frame type; each has two 5-inch Cylinders by 10-inch stroke (made by the Pulsemeter Engineering Co.), second-hand, but in good working condition; also a few smaller Pumps; immediate delivery. Make offers to C. Melin & Co., 7 India Street, E.C. 3.

FOR Sale, 18 cwt. Sodium Hyposulph. (Commercial), in 2-cwt. sacks; what offers? Edwards & Co., Ltd., 20/26 Lamb's Conduit Street, W.C. 1.

FOR Sale, six Eureka type Tablet Machines on stand; fitted for power; will make up to 5-grain tablets. Price on application, 147/33, Office of this Paper.

OLIVE Oil; new season's finest French Oil; twelve 6-gallon cans, 24s. gallon, f.o.r. London; sample, six stamps. Sharman, Northwood.

ONE gross Xylonite Ladies' 8-in. Dressing and Rake Combs, black, white, 9s. doz.; six dozen Ivory 8-in. Dressing (grailed), 12s. 6d. doz.; gross Bone Tooth Brushes, 4-row, 7s. 6d. doz.; 6 dozen Dust Combs, 6s. doz.; 9 dozen Nail Brushes, polished wood backs, 6s. and 7s. 6d. doz.; all post free; sample half-dozens supplied. Aldous, 48 Harpenden Road, West Norwood, S.E. 27.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London E.C.

SHOWCASES AND SHOP FITTINGS.—Several fine Silent Salesman Showcases and Counters; quantity of useful Shop fittings; low prices. Write inquiries, Philip Josephs & Sons, Ltd., Old Street, London, E.C. 1.

TEAM Boiler, 3 h.p.; 500 gall. Steel Still, with Agitator. Coils, Storage Tanks, Pump, Enamel-lined Tanks, and sundry lot of small factory for sale by private treaty. Apply 157/19, Office of this Paper.

NESTS Mahogany Drawers, 6 ft. long and 2 ft. deep, containing twelve 11 in., eighteen 8-in. drawers, stained lockers each, £4 each; one Nest Mahogany ditto, 4 ft. by 2 ft., containing eight large, twelve small drawers, stained lockers beneath; one Nest Patent Medicine Drawers, 3 ft. 9 in. by 2 ft. 3 in., labelled A to Z, stained lockers beneath, all above with glass doors and labels, £3; 5 ft. 10 in. Dispensing Screen, mirrored frame, perfume cases at side, also three front glazed cases, £8, Maw fig. 29/W.; Mahogany Desk, 2 ft. 10 in., 25s.; 2 4-gallon neck Carboys and Stands, 30s. each; one pair Brass Scales Weights, 30s.; one Tooth Brush Case (as Maw fig. 194/W.), one 5-grain Pill Machine, one 3-grain Pill Machine, 10s. J. J. Bailey & Co., Margate.

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